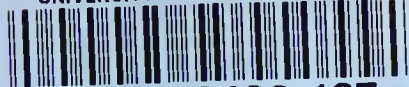


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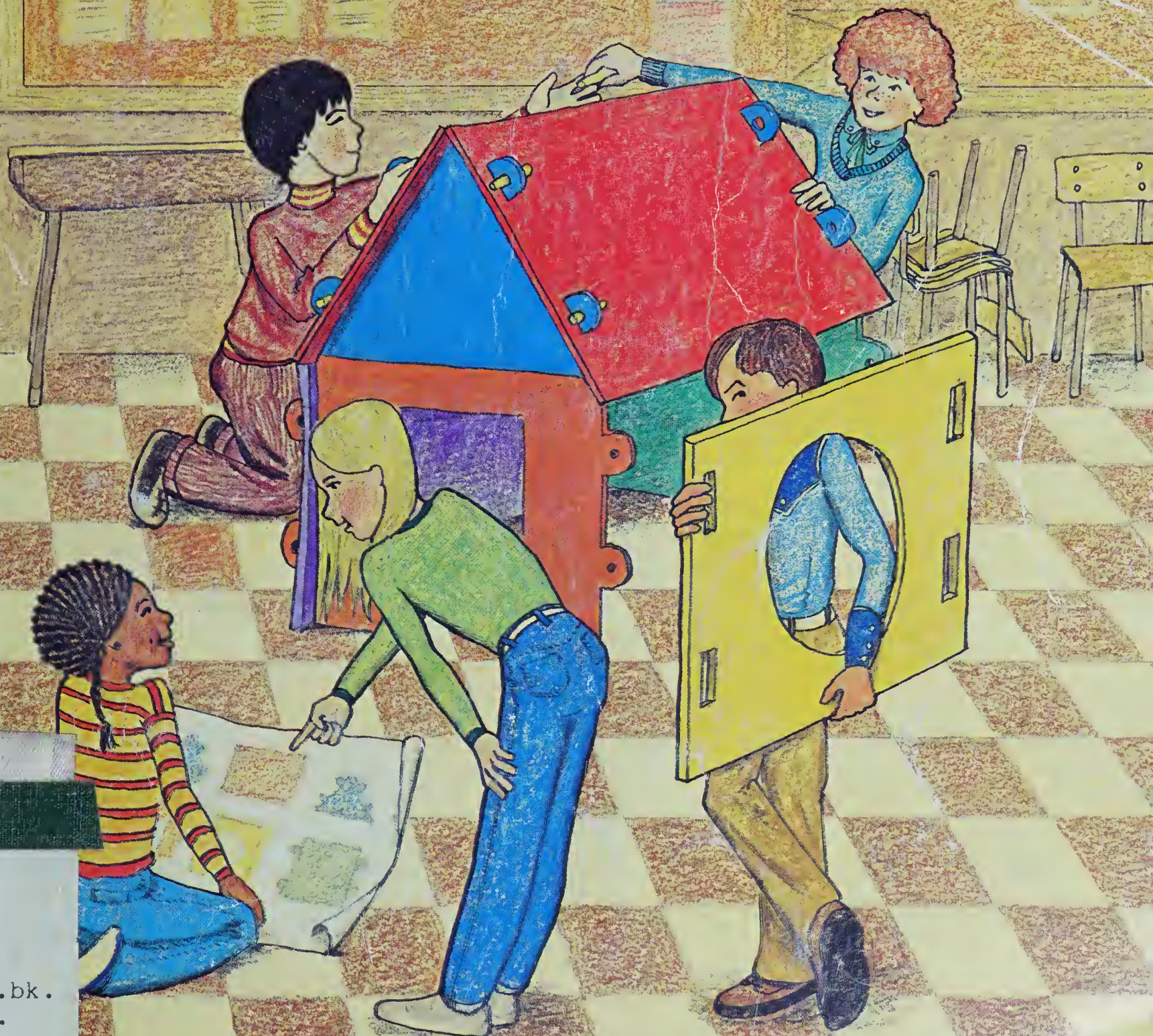


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# Houghton Mifflin 5

## Mathematics

### Testing & Practice Masters



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# Houghton Mifflin Mathematics 5

## Testing & Practice Masters

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## Class Record Chart for Tests

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**Pretest****Unit 1**

Write in expanded form.

1. 7029                      2. 78 124                      3. 509 203
4. 6 720 503                      5. 742 190 006

Write in standard form.

6.  $800\,000 + 40\,000 + 7000 + 900 + 7 =$  \_\_\_\_\_
7.  $30\,000 + 8000 + 20 + 5 =$  \_\_\_\_\_
8.  $90\,000\,000 + 3\,000\,000 + 40\,000 + 600 + 10 =$  \_\_\_\_\_
9. five million five thousand five = \_\_\_\_\_
10. three hundred ninety-five million three hundred ninety-five = \_\_\_\_\_

Write the place value of the underlined digit.

11. 240 137 826 \_\_\_\_\_                      12. 519 778 249 \_\_\_\_\_

Complete, using  $<$ ,  $=$ , or  $>$ .

13. 57 264 \_\_\_\_\_ 56 388                      14. 62 148 517 \_\_\_\_\_ 62 148 571

Round to the nearest ten, to the nearest hundred, and to the nearest thousand.

15. 3524 \_\_\_\_\_                      16. 56 125 \_\_\_\_\_                      17. 940 876 \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

Write the decimal.

18. one tenth = \_\_\_\_\_                      19. one hundredth = \_\_\_\_\_
20. twelve and nine hundredths = \_\_\_\_\_
21.  $\frac{35}{10} =$  \_\_\_\_\_                      22.  $\frac{236}{100} =$  \_\_\_\_\_

Complete. Use  $<$ ,  $=$ , or  $>$ .

23. 84.5 \_\_\_\_\_ 85.4                      24. 2.68 \_\_\_\_\_ 2.99                      25. 3.2 \_\_\_\_\_ 3.02

Round to the nearest whole number.

26. 56.7 \_\_\_\_\_                      27. 780.53 \_\_\_\_\_                      28. 9.19 \_\_\_\_\_



Name \_\_\_\_\_

## Extra Practice

## Worksheet N1

Pages 2-3

What is the place value of the 8?

- |                  |                  |                  |
|------------------|------------------|------------------|
| 1. 485 214 _____ | 2. 308 976 _____ | 3. 800 562 _____ |
| 4. 79 812 _____  | 5. 5168 _____    | 6. 376 489 _____ |

Write in standard form.

7.  $60\,000 + 200 + 1 =$  \_\_\_\_\_
8.  $800\,000 + 5000 + 30 + 7 =$  \_\_\_\_\_
9.  $100\,000 + 90\,000 + 3 =$  \_\_\_\_\_
10. three hundred thirty thousand five hundred two = \_\_\_\_\_
11. eighty-nine thousand five = \_\_\_\_\_
12. seven hundred six thousand forty-nine = \_\_\_\_\_

## Extra Practice

## Worksheet N2

Pages 4-5

In the numeral 273 480 915,

1. the 7 is in the \_\_\_\_\_ place.
2. the 8 is in the \_\_\_\_\_ place.
3. the 2 is in the \_\_\_\_\_ place.
4. the 9 is in the \_\_\_\_\_ place.
5. the 3 is in the \_\_\_\_\_ place.

Write in standard form.

6.  $400\,000\,000 + 7\,000\,000 + 7000 =$  \_\_\_\_\_
7.  $20\,000\,000 + 500\,000 + 30 + 5 =$  \_\_\_\_\_
8.  $900\,000\,000 + 60\,000 + 500 + 7 =$  \_\_\_\_\_
9. thirty-two million one hundred nine thousand = \_\_\_\_\_
10. four hundred six million eleven thousand three = \_\_\_\_\_





**Extra Practice****Worksheet N3**

Pages 6-7

Complete using  $<$ ,  $=$ , or  $>$ .

1. 7521 \_\_\_\_\_ 7531

2. 9009 \_\_\_\_\_ 9010

3. 62 173 \_\_\_\_\_ 62 163

4. 50 427 \_\_\_\_\_ 51 987

5. 8641 \_\_\_\_\_ 8639

6. 267 875 \_\_\_\_\_ 267 874

Rearrange each **less than** statement to make a **greater than** statement.

7.  $7521 < 7531$  \_\_\_\_\_

8.  $999 < 1000$  \_\_\_\_\_

9.  $9009 < 9010$  \_\_\_\_\_

10.  $50\ 427 < 51\ 987$  \_\_\_\_\_

11. Write all the even numbers that are greater than 58 243, but less than 58 255. \_\_\_\_\_

**Extra Practice****Worksheet N4**

Pages 8-9

Round to the nearest ten.

1. 43 \_\_\_\_\_

2. 85 \_\_\_\_\_

3. 169 \_\_\_\_\_

4. 796 \_\_\_\_\_

5. 937 \_\_\_\_\_

6. 1246 \_\_\_\_\_

Round to the nearest hundred.

7. 642 \_\_\_\_\_

8. 155 \_\_\_\_\_

9. 5841 \_\_\_\_\_

10. 6993 \_\_\_\_\_

11. 12 846 \_\_\_\_\_

12. 105 791 \_\_\_\_\_

Round to the nearest thousand.

13. 6642 \_\_\_\_\_

14. 8972 \_\_\_\_\_

15. 13 857 \_\_\_\_\_

16. 17 276 \_\_\_\_\_

17. 107 356 \_\_\_\_\_

18. 792 801 \_\_\_\_\_

Round to the nearest ten thousand.

19. 17 694 \_\_\_\_\_

20. 32 943 \_\_\_\_\_

21. 409 682 \_\_\_\_\_

22. 19 985 \_\_\_\_\_

23. 438 155 \_\_\_\_\_

24. 135 613 \_\_\_\_\_





**Extra Practice****Worksheet N5**

Pages 10-11

Write the decimal.

1.  $\frac{6}{10} =$  \_\_\_\_\_


2.  $\frac{1}{10} =$  \_\_\_\_\_

3.  $\frac{5}{10} =$  \_\_\_\_\_

4.  $\frac{8}{10} =$  \_\_\_\_\_

5. seven tenths = \_\_\_\_\_

6. two tenths = \_\_\_\_\_

7.  = \_\_\_\_\_

8.  = \_\_\_\_\_

Write in words.

9. 0.5

10. 0.7

11. 0.1

12. 0.9

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Use a ruler to draw a line segment.

13. 0.1 dm

14. 0.8 dm

15. 0.4 dm

16. 0.7 dm

**Extra Practice****Worksheet N6**

Pages 12-13

Write the decimal.

1.  $\frac{89}{100} =$  \_\_\_\_\_

2.  $\frac{25}{100} =$  \_\_\_\_\_

3.  $\frac{4}{100} =$  \_\_\_\_\_

4.  $\frac{5}{100} =$  \_\_\_\_\_

5. eleven hundredths = \_\_\_\_\_

6. one hundredth = \_\_\_\_\_

7. two dimes = \_\_\_\_\_

8. seven pennies = \_\_\_\_\_

Write as part of a metre using decimals.

9. 47 cm = \_\_\_\_\_

10. 29 cm = \_\_\_\_\_

11. 85 cm = \_\_\_\_\_

12. 11 cm = \_\_\_\_\_

13. 40 cm = \_\_\_\_\_

14. 8 cm = \_\_\_\_\_

Write in centimetres.

15. 0.43 m = \_\_\_\_\_

16. 0.01 m = \_\_\_\_\_

17. 0.62 m = \_\_\_\_\_

18. 0.19 m = \_\_\_\_\_

19. 0.03 m = \_\_\_\_\_

20. 0.55 m = \_\_\_\_\_



# Extra Practice

# Worksheet N7

Pages 14-15

Write the decimal.

1. fourteen and three tenths \_\_\_\_\_
2. eighteen and two hundredths \_\_\_\_\_
3. sixty-five and nine tenths \_\_\_\_\_
4. forty-nine and seven hundredths \_\_\_\_\_
5. eighty-one and five tenths \_\_\_\_\_
6. fifty-two and seventy-four hundredths \_\_\_\_\_
7.  $\frac{24}{10}$  \_\_\_\_\_
8.  $\frac{50}{10}$  \_\_\_\_\_
9.  $\frac{98}{10}$  \_\_\_\_\_
10.  $\frac{135}{10}$  \_\_\_\_\_
11.  $\frac{12}{100}$  \_\_\_\_\_
12.  $\frac{76}{100}$  \_\_\_\_\_
13.  $\frac{234}{100}$  \_\_\_\_\_
14.  $\frac{800}{100}$  \_\_\_\_\_

What is the place value of the underlined digit?

15. 4.86 \_\_\_\_\_
16. 37.12 \_\_\_\_\_
17. 46.59 \_\_\_\_\_
18. 14.52 \_\_\_\_\_

# Extra Practice

# Worksheet N8

Pages 16-17

Complete using <, =, or >.

1. 37.8 \_\_\_\_\_ 37.9
2. 92.6 \_\_\_\_\_ 91.9
3. 51.25 \_\_\_\_\_ 51.24
4. 24.60 \_\_\_\_\_ 24.60
5. 43.12 \_\_\_\_\_ 42.12
6. 80.73 \_\_\_\_\_ 81.73
7. 9.8 \_\_\_\_\_ 8.9
8. 2.95 \_\_\_\_\_ 2.95
9. 58.06 \_\_\_\_\_ 58.60

Write in order from smallest to largest.

10. 24.3, 26.5, 20.1, 28.2, 23.5, 27.1, 28.3  
\_\_\_\_\_
11. 71.50, 71.69, 71.08, 71.31, 70.86, 71.92, 70.42  
\_\_\_\_\_
12. 63.48, 64.04, 63.42, 63.45, 63.40, 64.12, 63.41  
\_\_\_\_\_





**Extra Practice****Worksheet N9**

Pages 18-19

Complete.

1.  $41.6 = 41. \underline{\hspace{1cm}} \underline{\hspace{1cm}}$

2.  $18 = 18. \underline{\hspace{1cm}} \underline{\hspace{1cm}}$

3.  $45.2 = 45. \underline{\hspace{1cm}} \underline{\hspace{1cm}}$

4.  $29.9 = 29. \underline{\hspace{1cm}} \underline{\hspace{1cm}}$

5.  $32 = 32. \underline{\hspace{1cm}} \underline{\hspace{1cm}}$

6.  $96.1 = 96. \underline{\hspace{1cm}} \underline{\hspace{1cm}}$

Write a decimal in hundredths that has the same value.

7.  $4.9 = \underline{\hspace{2cm}}$

8.  $22 = \underline{\hspace{2cm}}$

9.  $0.2 = \underline{\hspace{2cm}}$

10.  $67 = \underline{\hspace{2cm}}$

Complete. Use  $<$  or  $>$ .

11.  $43.2 \underline{\hspace{1cm}} 42.99$

12.  $16.05 \underline{\hspace{1cm}} 16.5$

13.  $48 \underline{\hspace{1cm}} 47.09$

14.  $18.7 \underline{\hspace{1cm}} 18.69$

15.  $5.7 \underline{\hspace{1cm}} 4.78$

16.  $66.92 \underline{\hspace{1cm}} 66.9$

17.  $54.01 \underline{\hspace{1cm}} 54.1$

18.  $39.6 \underline{\hspace{1cm}} 38.99$

19.  $92.05 \underline{\hspace{1cm}} 91.5$

Write in order from smallest to largest.

20.  $4.7, 47, 44.7, 47.4, 4.07, 4.77, 4.47$

**Extra Practice****Worksheet N10**

Pages 20-21

Round to the nearest whole number.

1.  $8.4 \underline{\hspace{2cm}}$

2.  $2.5 \underline{\hspace{2cm}}$

3.  $24.91 \underline{\hspace{2cm}}$

4.  $6.49 \underline{\hspace{2cm}}$

5.  $9.48 \underline{\hspace{2cm}}$

6.  $39.54 \underline{\hspace{2cm}}$

Round to the nearest metre.

7.  $99.52 \text{ m} \underline{\hspace{2cm}}$

8.  $8.08 \text{ m} \underline{\hspace{2cm}}$

9.  $73.38 \text{ m} \underline{\hspace{2cm}}$

Round to the nearest decimetre.

10.  $5.5 \text{ dm} \underline{\hspace{2cm}}$

11.  $43.1 \text{ dm} \underline{\hspace{2cm}}$

12.  $84.08 \text{ dm} \underline{\hspace{2cm}}$

Round to the nearest centimetre.

13.  $2.7 \text{ cm} \underline{\hspace{2cm}}$

14.  $11.9 \text{ cm} \underline{\hspace{2cm}}$

15.  $36.61 \text{ cm} \underline{\hspace{2cm}}$

Round to the nearest dollar.

16.  $\$14.83 \underline{\hspace{2cm}}$

17.  $\$50.50 \underline{\hspace{2cm}}$

18.  $\$101.36 \underline{\hspace{2cm}}$





**Post-test****Unit 1**

Write in expanded form.

1. 3804

2. 13 753

3. 607 294

4. 5 703 681

5. 439 746 053

Write in standard form.

6.  $50\,000 + 1000 + 400 + 30 + 2 =$  \_\_\_\_\_

7.  $200\,000 + 10\,000 + 6000 + 5 =$  \_\_\_\_\_

8.  $4\,000\,000 + 60\,000 + 2000 + 300 + 10 + 7 =$  \_\_\_\_\_

9. seventeen million three hundred twenty thousand forty-nine = \_\_\_\_\_

10. one hundred two million eleven thousand two hundred four = \_\_\_\_\_

Write the place value of the underlined digit.

11. 673 427 149 \_\_\_\_\_

12. 865 246 137 \_\_\_\_\_

Complete. Use  $<$ ,  $=$ , or  $>$ .

13. 38 764 \_\_\_\_\_ 38 964

14. 29 115 704 \_\_\_\_\_ 29 115 710

Round to the nearest ten, to the nearest hundred, and to the nearest thousand.

15. 5863 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

16. 17 497 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

17. 336 264 \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Write the decimal.

18. six tenths = \_\_\_\_\_

19. seven hundredths = \_\_\_\_\_

20. eight and four hundredths = \_\_\_\_\_

21.  $\frac{16}{10} =$  \_\_\_\_\_

22.  $\frac{137}{100} =$  \_\_\_\_\_

Complete. Use  $<$ ,  $=$ , or  $>$ .

23. 37.2 \_\_\_\_\_ 32.07

24. 59.32 \_\_\_\_\_ 59.23

25. 75.9 \_\_\_\_\_ 75.09

Round to the nearest whole number.

26. 47.3 \_\_\_\_\_

27. 249.81 \_\_\_\_\_

28. 6.52 \_\_\_\_\_



**Pretest****Unit 2**

Add.

$$\begin{array}{r} 1. \quad 65 \\ + 32 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 84 \\ + 98 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 376 \\ + 219 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 595 \\ + 788 \\ \hline \end{array}$$

$$5. \quad 3 + 8 + 9 = \underline{\hspace{2cm}}$$

$$6. \quad 29 + 38 + 76 = \underline{\hspace{2cm}}$$

$$7. \quad 47 + 63 + 19 = \underline{\hspace{2cm}}$$

$$8. \quad 37 + 528 + 6 = \underline{\hspace{2cm}}$$

$$9. \quad 37 + 467 + 58 = \underline{\hspace{2cm}}$$

$$10. \quad 900 + 60 + 3 = \underline{\hspace{2cm}}$$

$$\begin{array}{r} 11. \quad 3576 \\ + 4897 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 2954 \\ + 8376 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 27\,529 \\ + 68\,545 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 39\,724 \\ + 3\,709 \\ \hline \end{array}$$

Subtract.

$$\begin{array}{r} 15. \quad 79 \\ - 52 \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad 81 \\ - 45 \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad 360 \\ - 179 \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad 901 \\ - 342 \\ \hline \end{array}$$

$$\begin{array}{r} 19. \quad 436 \\ - 297 \\ \hline \end{array}$$

$$\begin{array}{r} 20. \quad 6004 \\ - 2377 \\ \hline \end{array}$$

$$\begin{array}{r} 21. \quad 9027 \\ - 6198 \\ \hline \end{array}$$

$$\begin{array}{r} 22. \quad 7000 \\ - 4375 \\ \hline \end{array}$$

Subtract. Check by adding.

$$23. \quad 725 - 166 = \underline{\hspace{2cm}}$$

Check:

$$24. \quad 806 - 199 = \underline{\hspace{2cm}}$$

Check:

$$25. \quad 800 - 542 = \underline{\hspace{2cm}}$$

Check:

Add or subtract.

$$\begin{array}{r} 26. \quad 6.2 \\ + 8.5 \\ \hline \end{array}$$

$$\begin{array}{r} 27. \quad 3.7 \\ - 1.8 \\ \hline \end{array}$$

$$\begin{array}{r} 28. \quad 16.59 \\ + 7.86 \\ \hline \end{array}$$

$$\begin{array}{r} 29. \quad \$72.01 \\ - 25.37 \\ \hline \end{array}$$

Solve.

30. An elevator has a 1200 kg capacity. Will office equipment with masses of 376.5 kg, 500 kg, and 320.5 kg overload the elevator?

*added*

*subtracted*





**Extra Practice****Worksheet A1**

Pages 26-27

Add.

$$\begin{array}{r} 1. \quad 16 \\ + 23 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 62 \\ + 19 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 39 \\ + 60 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 14 \\ + 75 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 21 \\ + 58 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 27 \\ + 43 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 54 \\ + 12 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 58 \\ + 29 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 73 \\ + 25 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 64 \\ + 27 \\ \hline \end{array}$$

11.  $17 + 82 = \underline{\hspace{2cm}}$

12.  $38 + 48 = \underline{\hspace{2cm}}$

13.  $29 + 68 = \underline{\hspace{2cm}}$

14.  $43 + 47 = \underline{\hspace{2cm}}$

15.  $18 + 26 = \underline{\hspace{2cm}}$

16.  $53 + 29 = \underline{\hspace{2cm}}$

Solve.

17. Mandy played 19 minutes in the first half of the soccer game and 23 minutes in the second half. How many minutes did she play in all?

**Extra Practice****Worksheet A2**

Pages 28-29

Add.

$$\begin{array}{r} 1. \quad 427 \\ + 532 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 218 \\ + 875 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 341 \\ + 260 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 163 \\ + 119 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 486 \\ + 274 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 199 \\ + 299 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 352 \\ + 473 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 547 \\ + 365 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 281 \\ + 319 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 316 \\ + 194 \\ \hline \end{array}$$

11.  $725 + 153 = \underline{\hspace{2cm}}$

12.  $685 + 217 = \underline{\hspace{2cm}}$

13.  $175 + 645 = \underline{\hspace{2cm}}$

Round to the nearest hundred. Write an estimated sum.

14.  $412 + 395 = \underline{\hspace{2cm}}$

15.  $655 + 232 = \underline{\hspace{2cm}}$

16.  $789 + 192 = \underline{\hspace{2cm}}$

Solve.

17. The girls from Lansing School scored 335 points at the track meet and the boys scored 329 points. What was the total number of points scored by Lansing School?



**Extra Practice****Worksheet A3**

Pages 30-31

Add.

$$\begin{array}{r} 1. \quad 5 \\ 2 \\ + 1 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 5 \\ 8 \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 4 \\ 6 \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 7 \\ 7 \\ + 6 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 9 \\ 8 \\ + 2 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 22 \\ 6 \\ + 44 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 84 \\ 14 \\ + 35 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 73 \\ 84 \\ + 27 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 39 \\ 46 \\ + 21 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 25 \\ 31 \\ + 84 \\ \hline \end{array}$$

Round to the nearest ten. Write the estimated sum.

11.  $14 + 77 + 29 = \underline{\hspace{2cm}}$

12.  $34 + 65 + 48 = \underline{\hspace{2cm}}$

Solve.

13. A soccer team has 1 goalie, 3 fullbacks, 3 halfbacks, and 4 forwards.  
How many players do they have?

**Extra Practice****Worksheet A4**

Pages 32-33

Add.

$$\begin{array}{r} 1. \quad 47 \\ + 38 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 475 \\ + 382 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 2479 \\ + 383 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 4793 \\ + 3836 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 361 \\ 490 \\ + 589 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 247 \\ 334 \\ + 431 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 32\,432 \\ 4\,356 \\ + 24\,362 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 84\,567 \\ 32\,432 \\ + 4\,568 \\ \hline \end{array}$$

Round to the nearest thousand. Write the estimated sum.

9.  $2275 + 1854 + 6977 = \underline{\hspace{2cm}}$

10.  $8654 + 4178 + 3939 = \underline{\hspace{2cm}}$

Solve.

11. At the track meet there were 373 men, 479 women, 642 boys, and 673 girls. How many people attended?





**Extra Practice****Worksheet A5**

Pages 34-35

Find the difference. Check by adding.

$$\begin{array}{r} 1. \quad 75 \\ - 28 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 23 \\ - 14 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 51 \\ - 45 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 87 \\ - 59 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 62 \\ - 13 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 91 \\ - 76 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 73 \\ - 46 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 84 \\ - 38 \\ \hline \end{array}$$

Round to the nearest ten. Write the estimated difference.

9.  $32 - 17 = \underline{\hspace{2cm}}$

10.  $48 - 19 = \underline{\hspace{2cm}}$

11.  $72 - 28 = \underline{\hspace{2cm}}$

Solve.

12. Ninety-three players started the soccer season. Forty-five were 12 years old. Eighty-six players finished. How many players dropped out?

**Extra Practice****Worksheet A6**

Pages 36-37

Find the difference. Check by adding.

$$\begin{array}{r} 1. \quad 937 \\ - 429 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 837 \\ - 618 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 737 \\ - 458 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 307 \\ - 255 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 602 \\ - 546 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 913 \\ - 264 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 400 \\ - 321 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 300 \\ - 78 \\ \hline \end{array}$$

Round to the nearest hundred. Write the estimated difference.

9.  $731 - 364 = \underline{\hspace{2cm}}$

10.  $805 - 298 = \underline{\hspace{2cm}}$

11.  $621 - 425 = \underline{\hspace{2cm}}$

Solve.

12. This year 810 students attended the track meet. Last year 691 attended and the year before 572 attended. How many more people attended this year than last year?  $\underline{\hspace{2cm}}$  How many more attended this year than two years ago?  $\underline{\hspace{2cm}}$



**Extra Practice****Worksheet A7**

Pages 38-39

Subtract. Check by adding.

$$\begin{array}{r} 1. \quad 2176 \\ - 1028 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 3875 \\ - 1298 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 7463 \\ - 1267 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 8465 \\ - 6791 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 5109 \\ - 3077 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 4020 \\ - 2756 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 7532 \\ - 6746 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 7000 \\ - 2134 \\ \hline \end{array}$$

Round to the nearest thousand. Write the estimated difference.

$$9. \quad 5277 - 4308 = \underline{\hspace{2cm}} \quad 10. \quad 6895 - 2916 = \underline{\hspace{2cm}} \quad 11. \quad 3908 - 1146 = \underline{\hspace{2cm}}$$

Solve.

12. Mr. Brownley put 2460 m of fencing around one field and 1625 m of fencing around another field. Mr. Ferrara put 3998 m of fencing around his field. How many more metres of fencing did Mr. Brownley use than Mr. Ferrara?

**Extra Practice****Worksheet A8**

Pages 40-41

Find the sum.

$$\begin{array}{r} 1. \quad 1.7 \\ + 2.3 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 8.5 \\ + 4.6 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 5.5 \\ 4.6 \\ + 3.8 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 16.8 \\ 14.7 \\ + 13.9 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 9.5 \\ 16.4 \\ + 8.6 \\ \hline \end{array}$$

Find the difference.

$$\begin{array}{r} 6. \quad 4.8 \\ - 1.9 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 6.0 \\ - 3.7 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 15.2 \\ - 8.7 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 16.2 \\ - 7.3 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 312.5 \\ - 67.6 \\ \hline \end{array}$$

Solve.

11. Anna jumped 1.7 m in the long jump. Mary jumped 2.2 m. How much farther did Mary jump than Anna?
12. A hockey player has a mass of 34.7 kg. His hockey equipment has a mass of 4.4 kg. What is his mass when he is fully dressed?





**Extra Practice****Worksheet A9**

Pages 42-43

Add or subtract.

$$\begin{array}{r} 1. \quad 1.34 \\ + 3.45 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 5.73 \\ - 4.56 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 7.78 \\ + 4.56 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 40.67 \\ - 24.56 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 21.86 \\ + 9.47 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 10.00 \\ - 7.64 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 20.00 \\ - 11.28 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 51.94 \\ + 9.76 \\ \hline \end{array}$$

Solve.

9. Laura is buying a baseball glove that costs \$17.68. How much change will she get from \$20.00?
10. Scott is buying gym shorts for \$7.65 and socks for \$4.75. How much change will he get from \$15.00?

**Extra Practice****Worksheet PS2**

Pages 44-45

Solve.

1. Mandy lives 2.8 km from school and Reed lives 4.2 km from school. How much farther than Mandy does Reed live?
2. Jerry bought a shirt for \$16.95 and a tie for \$8.95. How much change did he get from \$30.00?
3. Alice wanted to make a jacket. She bought 2.2 m of corduroy and 1.7 m of lining fabric. How much fabric did she buy in all?
4. Mrs. Weimer's grocery bill included \$3.59 for Swiss cheese, \$4.62 for Cheddar cheese, \$2.89 for Bric cheese, \$2.29 for watermelon, \$1.99 for bananas, \$3.76 for peaches, and \$2.21 for cherries. Did she pay more for the cheese or for the fruit? How much more?



**Post-test****Unit 2**

Add.

$$\begin{array}{r} 1. \quad 47 \\ + 51 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 29 \\ + 29 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 238 \\ + 317 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 409 \\ + 377 \\ \hline \end{array}$$

$$5. \quad 6 + 9 + 2 = \underline{\hspace{2cm}}$$

$$6. \quad 14 + 23 + 56 = \underline{\hspace{2cm}}$$

$$7. \quad 27 + 55 + 35 = \underline{\hspace{2cm}}$$

$$8. \quad 12 + 139 + 4 = \underline{\hspace{2cm}}$$

$$9. \quad 672 + 48 + 95 = \underline{\hspace{2cm}}$$

$$10. \quad 500 + 70 + 2 = \underline{\hspace{2cm}}$$

$$\begin{array}{r} 11. \quad 2731 \\ + 5284 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 7246 \\ + 394 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 42\,182 \\ + 17\,928 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 24\,671 \\ + 7\,207 \\ \hline \end{array}$$

Subtract.

$$\begin{array}{r} 15. \quad 88 \\ - 43 \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad 73 \\ - 59 \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad 470 \\ - 289 \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad 982 \\ - 187 \\ \hline \end{array}$$

$$\begin{array}{r} 19. \quad 607 \\ - 232 \\ \hline \end{array}$$

$$\begin{array}{r} 20. \quad 5006 \\ - 1871 \\ \hline \end{array}$$

$$\begin{array}{r} 21. \quad 6081 \\ - 2384 \\ \hline \end{array}$$

$$\begin{array}{r} 22. \quad 7402 \\ - 3788 \\ \hline \end{array}$$

Subtract. Check by adding.

$$23. \quad 981 - 289 = \underline{\hspace{2cm}}$$

Check:

$$24. \quad 505 - 346 = \underline{\hspace{2cm}}$$

Check:

$$25. \quad 900 - 227 = \underline{\hspace{2cm}}$$

Check:

Add or subtract.

$$\begin{array}{r} 26. \quad 3.9 \\ + 1.7 \\ \hline \end{array}$$

$$\begin{array}{r} 27. \quad 8.6 \\ - 4.8 \\ \hline \end{array}$$

$$\begin{array}{r} 28. \quad 13.92 \\ + 6.25 \\ \hline \end{array}$$

$$\begin{array}{r} 29. \quad \$47.09 \\ - 9.11 \\ \hline \end{array}$$

Solve.

30. The band students from Kirkland School are raising \$1000.00 for a trip to the United States. One weekend they earned \$341.70 by washing cars and \$432.65 in a bake sale. How much more money do they need to earn?



**Pretest****Unit 3**

Multiply.

1. 
$$\begin{array}{r} 60 \\ \times 7 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 40 \\ \times 5 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 37 \\ \times 8 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 29 \\ \times 6 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 83 \\ \times 7 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 700 \\ \times 2 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 806 \\ \times 5 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 2000 \\ \times 8 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 3106 \\ \times 7 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 4002 \\ \times 5 \\ \hline \end{array}$$

11. 
$$\begin{array}{r} 42 \\ \times 30 \\ \hline \end{array}$$

12. 
$$\begin{array}{r} 76 \\ \times 40 \\ \hline \end{array}$$

13. 
$$\begin{array}{r} 92 \\ \times 60 \\ \hline \end{array}$$

14. 
$$\begin{array}{r} 47 \\ \times 13 \\ \hline \end{array}$$

15. 
$$\begin{array}{r} 85 \\ \times 18 \\ \hline \end{array}$$

16. 
$$\begin{array}{r} 38 \\ \times 12 \\ \hline \end{array}$$

17. 
$$\begin{array}{r} 26 \\ \times 43 \\ \hline \end{array}$$

18. 
$$\begin{array}{r} 95 \\ \times 39 \\ \hline \end{array}$$

19. 
$$\begin{array}{r} 26 \\ \times 48 \\ \hline \end{array}$$

20. 
$$\begin{array}{r} 82 \\ \times 67 \\ \hline \end{array}$$

21. 
$$\begin{array}{r} 84¢ \\ \times 9 \\ \hline \end{array}$$

22. 
$$\begin{array}{r} \$6.57 \\ \times 6 \\ \hline \end{array}$$

23. 
$$\begin{array}{r} \$16.95 \\ \times 8 \\ \hline \end{array}$$

24. 
$$\begin{array}{r} \$4.06 \\ \times 5 \\ \hline \end{array}$$

25. 
$$\begin{array}{r} \$30.04 \\ \times 7 \\ \hline \end{array}$$

26. 
$$\begin{array}{r} 7.2 \\ \times 5 \\ \hline \end{array}$$

27. 
$$\begin{array}{r} 4.6 \\ \times 8 \\ \hline \end{array}$$

28. 
$$\begin{array}{r} 9.7 \\ \times 16 \\ \hline \end{array}$$

29. 
$$\begin{array}{r} 8.6 \\ \times 23 \\ \hline \end{array}$$

30. 
$$\begin{array}{r} 4.9 \\ \times 87 \\ \hline \end{array}$$

Solve.

31. What is the temperature when it is  $25^{\circ}\text{C}$  below the boiling point of water?
32. A bakery prepared 350 loaves of white bread and 240 loaves of rye bread in one hour. How many loaves were prepared in 3 h?
33. What is the cost of 7 pineapples at \$1.29 per pineapple?
34. Marc skied down a 795 m ski run 9 times. How many metres did he ski in all?





**Extra Practice****Worksheet A10**

Pages 50-51

Find the product.

1. 
$$\begin{array}{r} 60 \\ \times 8 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 30 \\ \times 9 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 80 \\ \times 8 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 90 \\ \times 6 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 80 \\ \times 5 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 90 \\ \times 5 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 20 \\ \times 7 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 70 \\ \times 9 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 40 \\ \times 7 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 60 \\ \times 9 \\ \hline \end{array}$$

Solve.

11. There is a traffic tie-up on the highway. Eighty cars are lined up bumper to bumper. If each car is about 5 m long, about how long is the line?
12. A kite string is made up of 6 separate lengths. If each piece is 20 m long, how long is the string?

**Extra Practice****Worksheet A11**

Pages 52-53

Multiply.

1. 
$$\begin{array}{r} 34 \\ \times 2 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 63 \\ \times 3 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 28 \\ \times 4 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 35 \\ \times 5 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 36 \\ \times 8 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 54 \\ \times 4 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 76 \\ \times 3 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 38 \\ \times 5 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 84 \\ \times 2 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 58 \\ \times 3 \\ \hline \end{array}$$

11. 
$$\begin{array}{r} 67 \\ \times 6 \\ \hline \end{array}$$

12. 
$$\begin{array}{r} 78 \\ \times 7 \\ \hline \end{array}$$

13. 
$$\begin{array}{r} 94 \\ \times 8 \\ \hline \end{array}$$

14. 
$$\begin{array}{r} 76 \\ \times 3 \\ \hline \end{array}$$

15. 
$$\begin{array}{r} 58 \\ \times 5 \\ \hline \end{array}$$

Solve.

16. Joan wants to buy 6 cans of pop. Each can costs 38¢. How much money does she need?



**Extra Practice****Worksheet A12**

Pages 54-55

Multiply.

$$\begin{array}{r} 1. \quad 60 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 40 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 70 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 90 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 50 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 500 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 800 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 600 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 400 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 700 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 7000 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 9000 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 8000 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 5000 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 6000 \\ \times 8 \\ \hline \end{array}$$

Solve.

16. One of the cars in a race averaged 200 km/h. How far would the car travel in 3 h?

17. How many centimetres are there in 7 m?

**Extra Practice****Worksheet A13**

Pages 56-57

Find the product.

$$\begin{array}{r} 1. \quad 321 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 219 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 436 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 602 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 780 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 654 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 738 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 495 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 3187 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 2564 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 3219 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 4168 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 9876 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 7081 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 9002 \\ \times 3 \\ \hline \end{array}$$

Solve.

16. A factory manufactures 2450 pairs of shoes in a week. How many pairs of shoes will it make in 4 weeks?





**Extra Practice****Worksheet A14**

Pages 58-59

Find the product.

1. 
$$\begin{array}{r} 62 \\ \times 40 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 51 \\ \times 60 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 71 \\ \times 50 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 29 \\ \times 30 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 81 \\ \times 70 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 85 \\ \times 80 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 68 \\ \times 70 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 79 \\ \times 90 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 55 \\ \times 50 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 39 \\ \times 40 \\ \hline \end{array}$$

Solve.

11. Lisette jogs 98 m in a minute. How far will she jog in a half hour?
12. Water was dripping from a tap at a rate of 49 drops a minute. How many drops of water would be lost in an hour?
- 

**Extra Practice****Worksheet A15**

Pages 60-61

Find the product.

1. 
$$\begin{array}{r} 35 \\ \times 12 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 37 \\ \times 15 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 26 \\ \times 19 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 55 \\ \times 13 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 28 \\ \times 12 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 76 \\ \times 17 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 85 \\ \times 18 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 89 \\ \times 16 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 93 \\ \times 16 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 64 \\ \times 15 \\ \hline \end{array}$$

Solve.

11. Mrs. Turner bought 24 dozen rolls for a big picnic. How many rolls did she buy altogether?
12. Mr. Carey's heart beats 79 times a minute. How many times will it beat in 12 min?



**Extra Practice****Worksheet A16**

Pages 62-63

Find the product.

$$\begin{array}{r} 1. \quad 36 \\ \times 22 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 25 \\ \times 35 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 26 \\ \times 54 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 37 \\ \times 64 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 48 \\ \times 56 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 75 \\ \times 68 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 83 \\ \times 94 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 79 \\ \times 87 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 82 \\ \times 85 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 96 \\ \times 59 \\ \hline \end{array}$$

Solve.

11. How many hours are there in a month with 31 days?
12. Henry can type 67 words per minute. How many words does he type in 35 min?

**Extra Practice****Worksheet M1**

Pages 64-65

Multiply.

$$\begin{array}{r} 1. \quad 49¢ \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad \$0.49 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad \$0.53 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad \$0.73 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad \$4.32 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad \$4.32 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad \$5.34 \\ \times 12 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad \$5.34 \\ \times 17 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad \$17.32 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad \$17.32 \\ \times 42 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad \$57.62 \\ \times 49 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad \$76.22 \\ \times 53 \\ \hline \end{array}$$

Solve.

13. What does it cost to feed 35 members of the track team, if lunch costs \$2.65 each?



Extra Practice

Worksheet A17  
Pages 66-67

Find the product.

1. 24.6  
× 3  
-----

2. 35.1  
× 4  
-----

3. 63.2  
× 8  
-----

4. 49.7  
× 5  
-----

5. 51.8  
× 7  
-----
6. 6.3  
× 37  
-----

7. 3.7  
× 21  
-----

8. 5.6  
× 42  
-----

9. 3.9  
× 85  
-----

10. 4.1  
× 97  
-----

Solve.

11. It takes 8.6 min to make a toy on an assembly line. How long does it take to make 48 toys?

12. If electricity costs 3.9¢ per kilowatt hour, how much should you pay for using 50 kilowatt hours?

Extra Practice

Worksheet M2  
Pages 68-69

Match.

1. Normal body temperature

2. Water boils

3. Hot tea

4. Water freezes

5. Mild bath water

6. Room temperature

7. Hot summer day

8. Chilly fall day

9. Jeanette’s temperature was 38.5°C. Then it went down 0.6°C. What was her temperature then?
- A. 70°C

B. 35°C

C. 37°C

D. 0°C

E. 100°C

F. 21°C

G. 5°C

H. 30°C





**Post-test****Unit 3**

Multiply.

$$\begin{array}{r} 1. \quad 80 \\ \times 4 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 70 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 52 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 73 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 49 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 400 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 306 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 5000 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 2467 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 4309 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 26 \\ \times 40 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 27 \\ \times 20 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 46 \\ \times 50 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 81 \\ \times 17 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 43 \\ \times 19 \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad 25 \\ \times 16 \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad 49 \\ \times 57 \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad 48 \\ \times 23 \\ \hline \end{array}$$

$$\begin{array}{r} 19. \quad 97 \\ \times 34 \\ \hline \end{array}$$

$$\begin{array}{r} 20. \quad 75 \\ \times 53 \\ \hline \end{array}$$

$$\begin{array}{r} 21. \quad 27¢ \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 22. \quad \$4.83 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 23. \quad \$24.95 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 24. \quad \$5.90 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 25. \quad \$6.05 \\ \times 22 \\ \hline \end{array}$$

$$\begin{array}{r} 26. \quad 1.9 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 27. \quad 3.2 \\ \times 7 \\ \hline \end{array}$$

$$\begin{array}{r} 28. \quad 4.5 \\ \times 61 \\ \hline \end{array}$$

$$\begin{array}{r} 29. \quad 9.3 \\ \times 28 \\ \hline \end{array}$$

$$\begin{array}{r} 30. \quad 6.4 \\ \times 15 \\ \hline \end{array}$$

Solve.

31. The temperature outside was  $18^{\circ}\text{C}$ . Jason wanted to go swimming. His mother told him he could go when the temperature was  $7^{\circ}\text{C}$  warmer. What temperature would it be then?
32. One carton holds 125 candy bars. How many candy bars would there be in 9 cartons?
33. After the track meet, the 27 members of the track team each had a hamburger and milkshake. The hamburgers cost \$1.39 each and the milkshakes cost \$0.75 each. How much did it cost to feed the team?
34. A small plane travelled at a speed of 321 kilometres per hour. How far can it go in 5 h?



**Pretest****Unit 4**

Divide.

1.  $5 \overline{)45}$

2.  $9 \overline{)29}$

3.  $8 \overline{)53}$

4.  $2 \overline{)19}$

5.  $4 \overline{)31}$

6.  $9 \overline{)183}$

7.  $6 \overline{)304}$

8.  $5 \overline{)352}$

9.  $8 \overline{)407}$

10.  $4 \overline{)282}$

11.  $8 \overline{)89}$

12.  $5 \overline{)107}$

13.  $9 \overline{)189}$

14.  $3 \overline{)98}$

15.  $4 \overline{)369}$

16.  $2 \overline{)57}$

17.  $6 \overline{)352}$

18.  $5 \overline{)237}$

19.  $9 \overline{)828}$

20.  $4 \overline{)344}$

21.  $3 \overline{)373}$

22.  $8 \overline{)907}$

23.  $4 \overline{)616}$

24.  $7 \overline{)819}$

25.  $6 \overline{)3672}$

26.  $5 \overline{)3198}$

27.  $3 \overline{)2294}$

28.  $9 \overline{)6588}$

29.  $3 \overline{)9462}$

30.  $7 \overline{)8055}$

31.  $6 \overline{)9577}$

32.  $4 \overline{)6581}$

33.  $8 \overline{)851}$

34.  $3 \overline{)919}$

35.  $7 \overline{)4967}$

36.  $8 \overline{)8072}$

37.  $7 \overline{)\$384}$

38.  $6 \overline{)\$0.55}$

39.  $8 \overline{)\$9.27}$

40.  $4 \overline{)\$27.35}$

Solve.

41. There are 9 tomatoes in each box and 891 tomatoes in all.  
How many boxes are there? \_\_\_\_\_

42. Grapefruit cost 3 for \$1. What is the cost of one? \_\_\_\_\_

43. 958 kg of potatoes are packed in 5 kg bags.  
How many bags are there? \_\_\_\_\_

44. Eight lottery winners shared a \$10 prize.  
How much did each person receive? \_\_\_\_\_



**Extra Practice****Worksheet A18**

Pages 74-75

Divide and check.

1.  $2\overline{)6}$

2.  $3\overline{)9}$

3.  $4\overline{)6}$

4.  $5\overline{)35}$

5.  $6\overline{)51}$

6.  $6\overline{)37}$

7.  $2\overline{)15}$

8.  $7\overline{)42}$

9.  $7\overline{)45}$

10.  $8\overline{)48}$

11.  $8\overline{)51}$

12.  $7\overline{)55}$

13.  $9\overline{)74}$

14.  $4\overline{)39}$

15.  $5\overline{)44}$

Solve.

16. In a warehouse, 5 workers have to move 45 cases. If the job is divided evenly, how many cases must each person move?
17. Elsa is sharing a bag of candy with 2 friends. If there are 25 candies in the bag, how many candies will each of the 3 get? Elsa gets her share plus the leftovers. How many candies will Elsa get?

**Extra Practice****Worksheet A19**

Pages 76-77

Divide and check.

1.  $7\overline{)423}$

2.  $3\overline{)212}$

3.  $8\overline{)324}$

4.  $9\overline{)541}$

5.  $5\overline{)253}$

6.  $6\overline{)360}$

7.  $9\overline{)458}$

8.  $4\overline{)163}$

9.  $8\overline{)725}$

10.  $7\overline{)490}$

11.  $5\overline{)301}$

12.  $2\overline{)121}$

13.  $3\overline{)272}$

14.  $8\overline{)484}$

15.  $6\overline{)483}$

Solve.

16. Mrs. Loomis drove 152 km in a five-day work week. She drove about the same distance each day. About how many kilometres did she drive each day?
17. A canning factory pays its workers \$80 for an eight-hour day. How much do the workers receive for each hour? How much do they make in a five-day week?





**Extra Practice****Worksheet A20**

Pages 78-79

Divide and check.

1.  $2\overline{)27}$

2.  $3\overline{)45}$

3.  $4\overline{)62}$

4.  $5\overline{)81}$

5.  $6\overline{)92}$

6.  $8\overline{)91}$

7.  $9\overline{)97}$

8.  $7\overline{)84}$

9.  $3\overline{)92}$

10.  $4\overline{)90}$

11.  $2\overline{)86}$

12.  $5\overline{)74}$

13.  $6\overline{)87}$

14.  $7\overline{)95}$

15.  $2\overline{)58}$

Solve.

16. Ajax Foods buys flour in 90 kg bags and repacks it in 5 kg bags. How many of the smaller bags can be packed with the flour from one large bag?
17. A company puts 4 cookies in a snack pack. How many snack packs can be made with 92 cookies?

**Extra Practice****Worksheet A21**

Pages 80-81

Divide and check.

1.  $2\overline{)187}$

2.  $3\overline{)279}$

3.  $4\overline{)365}$

4.  $5\overline{)375}$

5.  $7\overline{)648}$

6.  $8\overline{)709}$

7.  $6\overline{)547}$

8.  $8\overline{)784}$

9.  $9\overline{)832}$

10.  $4\overline{)252}$

11.  $2\overline{)173}$

12.  $7\overline{)429}$

13.  $3\overline{)225}$

14.  $5\overline{)473}$

15.  $6\overline{)493}$

Solve.

16. A grocery store has 328 oranges to be put in packages of 6. How many packages will there be? How many oranges will be left over?
17. Joanne and Miriam drew a hopscotch court 217 cm long. The court was 7 equal sections long. How long was each section?



**Extra Practice****Worksheet A22**

Pages 82-83

Divide and check.

1.  $2 \overline{)426}$

2.  $3 \overline{)935}$

3.  $4 \overline{)841}$

4.  $5 \overline{)596}$

5.  $6 \overline{)777}$

6.  $7 \overline{)833}$

7.  $4 \overline{)765}$

8.  $6 \overline{)804}$

9.  $7 \overline{)900}$

10.  $5 \overline{)715}$

11.  $3 \overline{)747}$

12.  $2 \overline{)589}$

13.  $7 \overline{)925}$

14.  $6 \overline{)678}$

15.  $8 \overline{)923}$

Solve.

16. A total of 875 people came to see the Little Eagles' 5 home games. About the same number of people came to each game. About how many people came to each game?

**Extra Practice****Worksheet A23**

Pages 84-85

Divide and check.

1.  $2 \overline{)1469}$

2.  $3 \overline{)2169}$

3.  $4 \overline{)2485}$

4.  $4 \overline{)3267}$

5.  $5 \overline{)4575}$

6.  $6 \overline{)4979}$

7.  $6 \overline{)5523}$

8.  $7 \overline{)5166}$

9.  $8 \overline{)7911}$

10.  $3 \overline{)2531}$

11.  $4 \overline{)3451}$

12.  $5 \overline{)4270}$

Solve.

13. There are 3600 seconds in an hour. A worker at the Cookie Factory can decorate a cookie in 5 seconds. How many cookies can he decorate in an hour?
14. Gum International puts 8 sticks of gum in a package. How many packages can be made with 2649 sticks of gum? How many sticks will be left over?



**Extra Practice****Worksheet A24**

Pages 86-87

Divide. Check the answers to the first six questions.

1.  $2\overline{)6482}$

2.  $3\overline{)6394}$

3.  $4\overline{)4856}$

4.  $4\overline{)8672}$

5.  $5\overline{)5609}$

6.  $6\overline{)6887}$

7.  $6\overline{)7005}$

8.  $7\overline{)9898}$

9.  $8\overline{)9904}$

10.  $3\overline{)7421}$

11.  $2\overline{)9143}$

12.  $5\overline{)7218}$

Solve.

13. A cheese company packs slices in packages of 8. How many packages can be made with 8942 slices? How many slices will be left over?
14. The average-size family in Treesbank has 4 people in it. If the population of Treesbank is 5310, about how many families live there?

**Extra Practice****Worksheet A25**

Pages 88-89

Divide and check.

1.  $3\overline{)32}$

2.  $4\overline{)43}$

3.  $5\overline{)54}$

4.  $6\overline{)61}$

5.  $5\overline{)525}$

6.  $6\overline{)724}$

7.  $7\overline{)1458}$

8.  $7\overline{)7564}$

9.  $8\overline{)8847}$

10.  $9\overline{)9064}$

11.  $5\overline{)1513}$

12.  $6\overline{)6012}$

Solve.

13. A salesman earns \$515 for a 5-day week. How much does he earn per day?
14. A dairy sells milk in 4 L packs. How many packs can be made from 424 L?





**Extra Practice****Worksheet A26**

Pages 90-91

Divide and check.

1.  $2 \overline{) \$2.50}$

2.  $3 \overline{) \$6.75}$

3.  $2 \overline{) \$8.30}$

4.  $4 \overline{) \$4.80}$

5.  $2 \overline{) \$1.24}$

6.  $3 \overline{) \$1.26}$

7.  $4 \overline{) \$1.28}$

8.  $4 \overline{) \$2.04}$

9.  $2 \overline{) \$1.44}$

10.  $4 \overline{) \$12.88}$

11.  $4 \overline{) \$17.56}$

12.  $9 \overline{) \$8.19}$

Solve.

13. Four banana loaves cost \$2.52 to make. How much does one loaf cost?

14. Tom earned \$5.25 in 3 h. How much did he earn in 1 h?

**Extra Practice****Worksheet PS3**

Pages 92-93

Solve.

1. Two jars of coffee cost \$7.78. How much does one jar cost?

2. Tim bicycles 48 km in 3 h. How far does he bicycle in 1 h?

3. If 1 kg of ground beef costs \$5.51, how much do 3 kg cost?

4. Teresa swam the 50 m length of the pool 6 times. How far did she swim?

5. Eight school buses will carry 336 children to the zoo. How many children will be on each bus?



**Post-test****Unit 4**

Divide.

1.  $7 \overline{)44}$

2.  $6 \overline{)29}$

3.  $4 \overline{)22}$

4.  $5 \overline{)29}$

5.  $9 \overline{)80}$

6.  $7 \overline{)352}$

7.  $8 \overline{)324}$

8.  $5 \overline{)353}$

9.  $9 \overline{)632}$

10.  $4 \overline{)361}$

11.  $2 \overline{)33}$

12.  $3 \overline{)64}$

13.  $8 \overline{)169}$

14.  $7 \overline{)91}$

15.  $6 \overline{)306}$

16.  $5 \overline{)371}$

17.  $8 \overline{)584}$

18.  $2 \overline{)117}$

19.  $3 \overline{)284}$

20.  $5 \overline{)572}$

21.  $4 \overline{)685}$

22.  $7 \overline{)814}$

23.  $6 \overline{)933}$

24.  $8 \overline{)914}$

25.  $9 \overline{)4734}$

26.  $2 \overline{)1182}$

27.  $7 \overline{)3947}$

28.  $3 \overline{)2795}$

29.  $4 \overline{)8537}$

30.  $5 \overline{)5930}$

31.  $2 \overline{)8354}$

32.  $4 \overline{)8487}$

33.  $3 \overline{)924}$

34.  $2 \overline{)608}$

35.  $5 \overline{)518}$

36.  $9 \overline{)9818}$

37.  $6 \overline{)\$8.16}$

38.  $2 \overline{)\$0.34}$

39.  $8 \overline{)\$2.32}$

40.  $5 \overline{)\$40.25}$

Solve.

41. Vito read 3 books. Each book had 128 pages.  
How many pages did he read?
42. If 8 stickers cost \$1.20, how much does one sticker cost?
43. Anne bought 2 gliders that cost \$3.98 each.  
How much did the gliders cost altogether?
44. The Levines drove 1522 km in 3 days on their holidays.  
About how far did they drive each day?



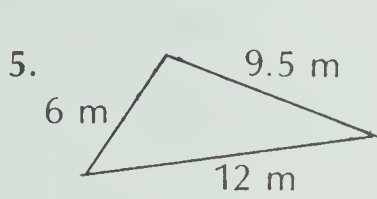
# Pretest

## Unit 5

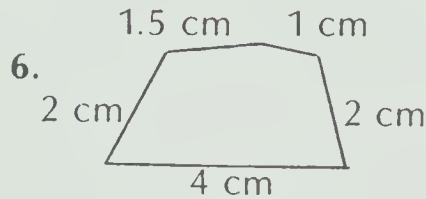
Would *centimetres, metres, millimetres, or kilometres* be used to measure:

1. width of a train ticket \_\_\_\_\_
2. length of a railroad track \_\_\_\_\_
3. length of a train \_\_\_\_\_
4. thickness of a folded map \_\_\_\_\_

What is the perimeter?

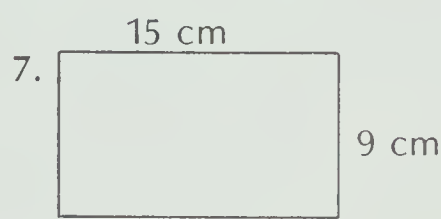


\_\_\_\_\_

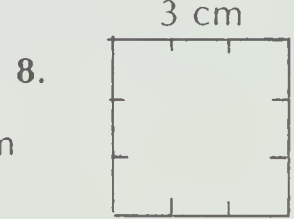


\_\_\_\_\_

What is the area?

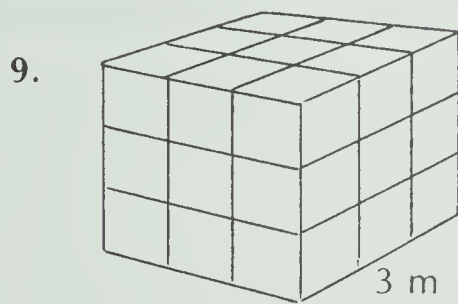


\_\_\_\_\_

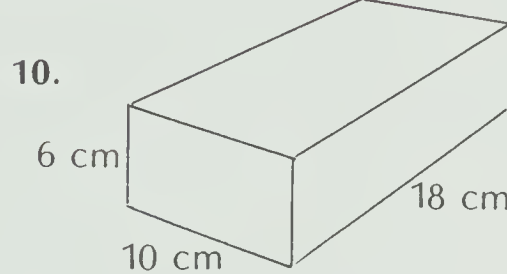


\_\_\_\_\_

What is the volume?



\_\_\_\_\_



\_\_\_\_\_

11. length = 22 m  
width = 15 m  
height = 16 m

\_\_\_\_\_

Choose the more likely capacity.

12. a jar of jelly: 2 L or 250 mL
13. a coffee pot: 2 L or 250 mL

Copy and complete.

14. 3 t = \_\_\_\_\_ kg
15. 8000 g = \_\_\_\_\_ kg
16. \_\_\_\_\_ kg = 4 t

Circle the angles that are more than a right angle.



Measure each angle.



Solve.

20. What is the cost of 1 kg of cheese if 500 g is \$4.00?



## Extra Practice

## Worksheet M4

Pages 98-99

Complete.

1. 4 m = \_\_\_\_ cm
2. 60 mm = \_\_\_\_ cm
3. 5 km = \_\_\_\_ m
4. 300 cm = \_\_\_\_ m
5. 7 m = \_\_\_\_ cm
6. 5 m = \_\_\_\_ dm
7. 15 mm = \_\_\_\_ cm
8. 75 mm = \_\_\_\_ cm
9. 32 mm = \_\_\_\_ cm

Measure in centimetres.

10. 

11. 

12. 

13. 

Measure in millimetres.

14. 

15. 

16. 

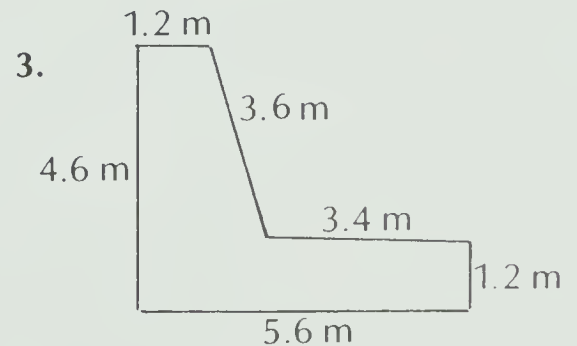
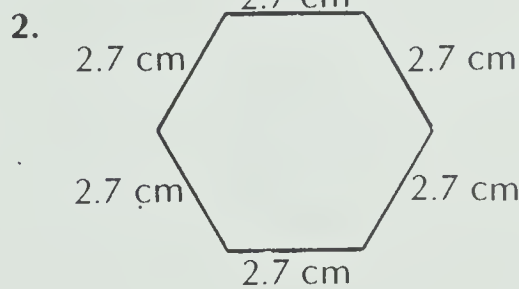
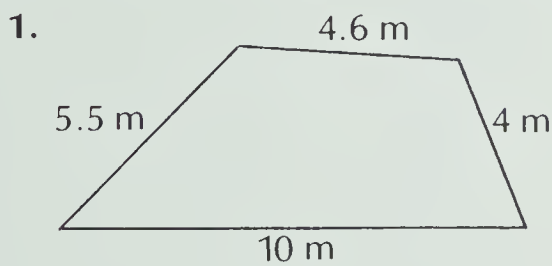
17. 

## Extra Practice

## Worksheet M5

Pages 100-101

What is the perimeter of each figure?



\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Solve.

4. The outside edge of a picture is 30 cm long and 20 cm wide.  
How many centimetres from a strip of wood are needed to make its frame?
5. Mr. Shuber wishes to fence in a garden that is 6 m wide and 10 m long.  
He already has 22 m of fence. Does he have enough fence to do the job? If not, how much more does he need?



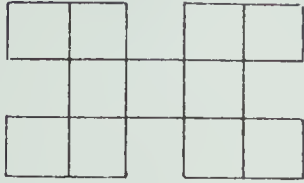


**Extra Practice****Worksheet M6**

Pages 102-103

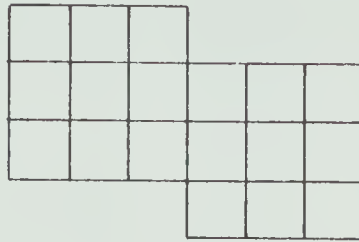
What is the area in square centimetres?  $\square = 1 \text{ cm}^2$ 

1.



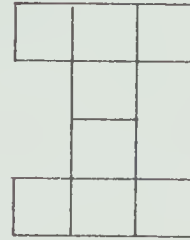
\_\_\_\_\_

2.



\_\_\_\_\_

3.



\_\_\_\_\_

Complete.

4. The area of the floor of a room is measured in square \_\_\_\_\_.
5. The area of a sheet of paper is measured in square \_\_\_\_\_.
6. The area of a leaf is measured in square \_\_\_\_\_.
7. The area of a playground is measured in square \_\_\_\_\_.

**Extra Practice****Worksheet M7**

Pages 104-105

Complete the chart.

1.

length	width	area
6 m	5 m	
12 cm	5 cm	
14 m	10 m	
9.5 cm	7 cm	
12 cm	2.9 cm	
13 m	12.5 m	
7 cm		$42 \text{ cm}^2$
	9 m	$108 \text{ m}^2$
25 m		$225 \text{ m}^2$

Solve.

2. A floor has a length of 6 m and a width of 3.5 m. Will a carpet 5 m long and 4 m wide completely cover the floor?



**Extra Practice****Worksheet M8**

Pages 106-107

Complete the chart.

	length	width	height	volume
1.	10 m	5 m	2 m	
2.	8 cm	7 cm	9 cm	
3.	8 m	7 m	10 m	
4.	15 cm	2 cm	1.5 cm	
5.	5 m	4 m	2.3 m	
6.	12 m	1.5 m	20 m	
7.	8 cm	2 cm	2.5 cm	
8.	8 m		4 m	$64 \text{ m}^3$

Solve.

9. A swimming pool is 15 m long, 10 m wide, and 3 m deep.  
Can it hold  $500 \text{ m}^3$  of water?

**Extra Practice****Worksheet M9**

Pages 108-109

Complete. Use mL or L.

- A pop bottle holds 320 \_\_\_\_\_.
- A gas tank holds 95 \_\_\_\_\_.
- An orange has 75 \_\_\_\_\_ of juice.
- It takes 35 \_\_\_\_\_ of water to shower.
- A pail holds 16 \_\_\_\_\_ of water.

Solve.

- Rita mixed 250 mL of orange pop with 300 mL of ginger ale. How much liquid did she have in the new mixture?
- A jug contained 4 L of water. Ted drank 200 mL, Bill drank 250 mL, and Pauline drank 250 mL. How much water was left?



## Extra Practice

## Worksheet M10

Pages 110-111

Complete. Use g, kg, or t.

1. A pumpkin has a mass of about 4 \_\_\_\_.
2. A package of weiners has a mass of about 500 \_\_\_\_.
3. A sugar cube has a mass of about 4 \_\_\_\_.
4. A large car has a mass of about 2 \_\_\_\_.
5. A thousand raisins have a mass of about 1 \_\_\_\_.

Solve.

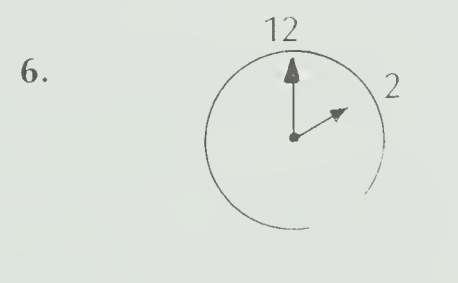
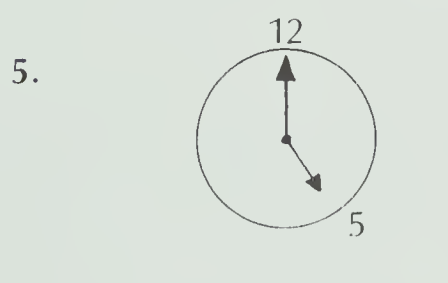
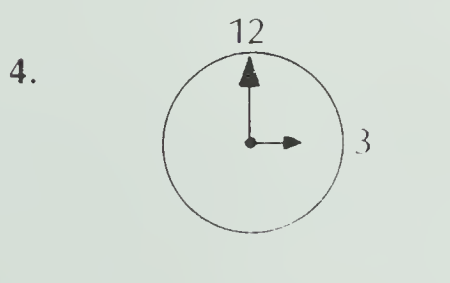
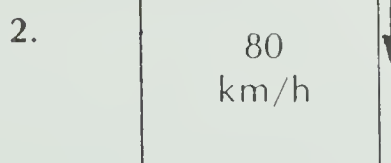
6. Sue bought a 1 kg container of cottage cheese. Bob bought a 250 g container of cottage cheese. Who bought more cottage cheese?
7. The dry ingredients of a recipe are 750 g of flour, 250 g of bran, and 50 g of sugar. Is that more than a kilogram of dry ingredients? How much more?

## Extra Practice

## Worksheet M11

Pages 112-113

Describe the angle as a right angle, smaller than a right angle, or larger than a right angle.



Solve.

7. What type of angle is formed by the hands of the clock at 09:00?  
01:00? 05:05?

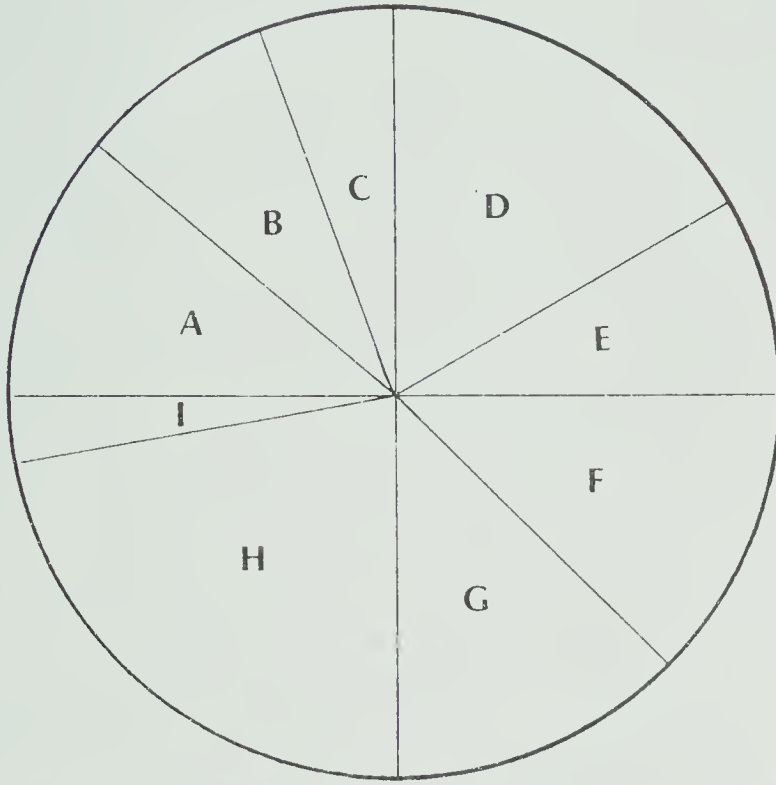




**Extra Practice****Worksheet M12**

Pages 114-115

What is the measure of each angle?



A circle has  $360^\circ$ .  
If you are correct,  
the sum of all the  
angle measures  
is  $360^\circ$ .

**Extra Practice****Worksheet PS4**

Pages 116-117

Solve.

1. In 1974, 345 645 children were born in Canada and 166 794 people died.  
How much did the population increase?  
\_\_\_\_\_
2. If a \$12 000 car has an estimated life of 8 years, about how much is  
the loss in value of the car every year?  
\_\_\_\_\_
3. An investor bought 5678 shares of oil stock at \$9.00 a share.  
How much did he have to pay for the shares?  
\_\_\_\_\_
4. The attendance at a country fair was 13 456 on Saturday and 14 789  
on Sunday. What was the attendance for both days?  
\_\_\_\_\_



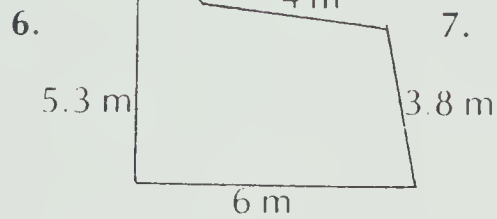
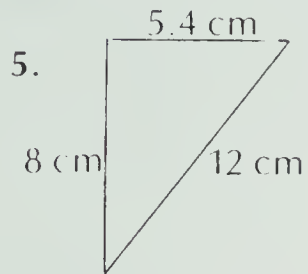
# Post-test

## Unit 5

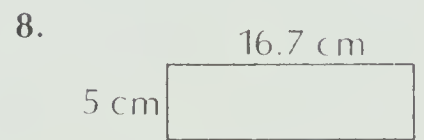
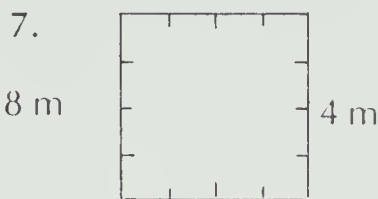
Would *centimetres*, *metres*, *millimetres*, or *kilometres* be used to measure:

1. length of an airplane \_\_\_\_\_
2. thickness of a string \_\_\_\_\_
3. height of a tulip \_\_\_\_\_
4. width of an ocean \_\_\_\_\_

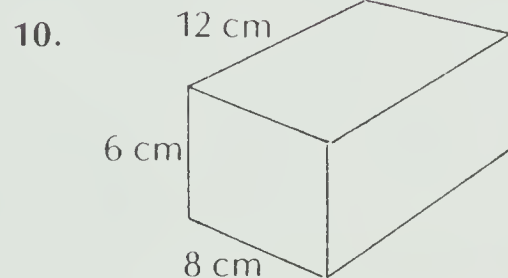
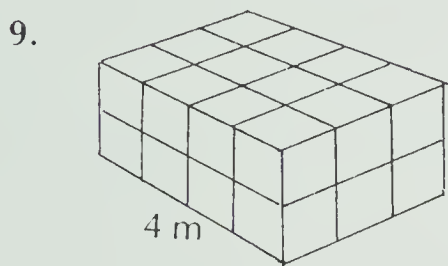
What is the perimeter?



What is the area?



What is the volume?



11. length: 17 m  
width : 6 m  
height: 9 m

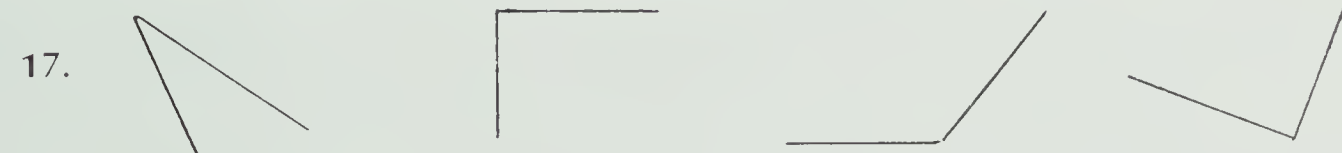
Choose the most likely capacity.

12. tube of toothpaste: 150 mL or 1 L      13. a birdbath: 700 mL or 7 L

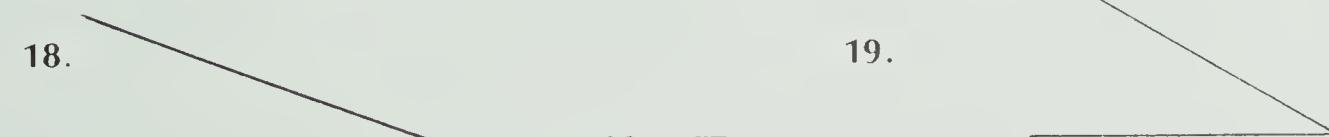
Complete.

14. 9 kg = \_\_\_\_\_ g      15. 2 t = \_\_\_\_\_ kg      16. 6000 g = \_\_\_\_\_ kg

Circle the angles that are right angles.



Measure each angle.



Solve.

20. What does 7 kg of apples cost if 1 kg costs \$3.99?



**Pretest****Unit 6**

Multiply.

$$\begin{array}{r} 1. \quad 530 \\ \times 27 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 640 \\ \times 35 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 820 \\ \times 93 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 760 \\ \times 57 \\ \hline \end{array}$$

Estimate the product.

$$\begin{array}{r} 5. \quad 695 \\ \times 18 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 327 \\ \times 32 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 711 \\ \times 25 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 876 \\ \times 27 \\ \hline \end{array}$$

Multiply.

$$\begin{array}{r} 9. \quad 436 \\ \times 33 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 781 \\ \times 54 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 602 \\ \times 79 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 846 \\ \times 86 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad \$6.72 \\ \times 38 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad \$5.08 \\ \times 47 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad \$8.99 \\ \times 18 \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad \$9.05 \\ \times 75 \\ \hline \end{array}$$

Divide.

$$17. \quad 29 \overline{)253}$$

$$18. \quad 41 \overline{)149}$$

$$19. \quad 84 \overline{)255}$$

$$20. \quad 69 \overline{)576}$$

$$21. \quad 72 \overline{)655}$$

$$22. \quad 98 \overline{)784}$$

$$23. \quad 43 \overline{)409}$$

$$24. \quad 18 \overline{)162}$$

$$25. \quad 60 \overline{)340}$$

$$26. \quad 30 \overline{)2900}$$

$$27. \quad 80 \overline{)3750}$$

$$28. \quad 50 \overline{)3900}$$

$$29. \quad 22 \overline{)358}$$

$$30. \quad 79 \overline{)1652}$$

$$31. \quad 43 \overline{)3959}$$

$$32. \quad 28 \overline{)1216}$$

$$33. \quad 67 \overline{)5148}$$

$$34. \quad 93 \overline{)8209}$$

$$35. \quad 56 \overline{)4872}$$

$$36. \quad 85 \overline{)6421}$$

Solve.

37. One year Mary earned \$1020.00 babysitting. Her brother earned \$215 cutting lawns that year. About how much did Mary earn each month?



**Extra Practice****Worksheet A26**

Pages 122-123

Find the product.

1. 
$$\begin{array}{r} 430 \\ \times 25 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 520 \\ \times 43 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 650 \\ \times 37 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 390 \\ \times 56 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 280 \\ \times 35 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 360 \\ \times 50 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 340 \\ \times 62 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 720 \\ \times 38 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 670 \\ \times 69 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 850 \\ \times 84 \\ \hline \end{array}$$

Solve.

11. Sylvia made 13 seed pictures. She used about 380 seeds for each picture. About how many seeds did she use in all?
12. An arena has 450 box seats. The tickets for these seats cost \$12 each. All the box seats are sold for a hockey game. How much money has been taken in for the box seats?

**Extra Practice****Worksheet A27**

Pages 124 - 125

Estimate the product.

1. 
$$\begin{array}{r} 509 \\ \times 33 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 691 \\ \times 42 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 750 \\ \times 50 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 482 \\ \times 63 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 866 \\ \times 57 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 341 \\ \times 28 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 856 \\ \times 67 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 908 \\ \times 59 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 608 \\ \times 78 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 319 \\ \times 81 \\ \hline \end{array}$$

Estimate the answer.

11. Eric's stride is 58 cm long. How far does he go in 240 strides?
12. Alice does about 45 min of homework a night. If she does homework 120 nights in the school year, how many minutes of homework will she do?





**Extra Practice****Worksheet A28**

Pages 126 – 127

Multiply.

1. 
$$\begin{array}{r} 312 \\ \times 23 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 502 \\ \times 34 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 422 \\ \times 43 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 713 \\ \times 64 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 835 \\ \times 46 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 215 \\ \times 34 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 324 \\ \times 42 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 635 \\ \times 22 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 908 \\ \times 52 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 545 \\ \times 19 \\ \hline \end{array}$$

Solve.

11. Pigs averaging 160 kg each were auctioned off at the Fair. If 38 pigs were sold, what was their total mass?
12. Fifteen children bought bags of marbles. There were about 125 marbles in each bag. About how many marbles did the children have?

**Extra Practice****Worksheet M13**

Pages 128 – 129

Multiply.

1. 
$$\begin{array}{r} \$1.88 \\ \times 17 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} \$5.76 \\ \times 43 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} \$2.38 \\ \times 65 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} \$4.76 \\ \times 13 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} \$6.32 \\ \times 49 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} \$7.77 \\ \times 26 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} \$4.87 \\ \times 85 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} \$5.76 \\ \times 35 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} \$9.99 \\ \times 59 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} \$9.99 \\ \times 76 \\ \hline \end{array}$$

Solve.

11. The Recreation Club bought 23 *Apartment* games at \$7.29 each. How much did the 3 games cost?
12. Mr. Simmons bought 12 card games at \$2.98 each. How much did the games cost?



**Extra Practice****Worksheet A29**

Pages 130 – 131

Divide. Check your answers.

1.  $21 \overline{)148}$

2.  $49 \overline{)259}$

3.  $52 \overline{)367}$

4.  $28 \overline{)245}$

5.  $78 \overline{)417}$

6.  $30 \overline{)281}$

7.  $63 \overline{)325}$

8.  $52 \overline{)381}$

9.  $38 \overline{)284}$

10.  $51 \overline{)411}$

11.  $42 \overline{)346}$

12.  $78 \overline{)586}$

Solve.

13. It takes Tony 22 min to mow the lawn. He figures that he will spend 176 min mowing the lawn in July. How many times does he plan to mow the lawn?

14. Anita needs 249¢ for a book. She can save about 38¢ of her allowance each week. How long will it take her to save enough for the book?

**Extra Practice****Worksheet A30**

Pages 132 – 133

Divide. Check your answers.

1.  $52 \overline{)271}$

2.  $37 \overline{)161}$

3.  $37 \overline{)196}$

4.  $17 \overline{)142}$

5.  $18 \overline{)168}$

6.  $43 \overline{)357}$

7.  $53 \overline{)357}$

8.  $17 \overline{)135}$

9.  $44 \overline{)171}$

10.  $25 \overline{)207}$

11.  $57 \overline{)355}$

12.  $64 \overline{)484}$

Solve.

13. A fruit stand owner bought some pears at \$34.00 a carton. He paid \$272.00 in all. How many cartons did he buy?
14. A family drove to their cottage. They averaged 75 km/h. The trip is 310 km. About how many hours did it take?



**Extra Practice****Worksheet A31**

Pages 134 – 135

Divide. Check your answers.

1.  $40 \overline{)760}$

2.  $20 \overline{)900}$

3.  $30 \overline{)610}$

4.  $70 \overline{)282}$

5.  $50 \overline{)3300}$

6.  $60 \overline{)4320}$

7.  $80 \overline{)4640}$

8.  $90 \overline{)4751}$

9.  $40 \overline{)1482}$

10.  $50 \overline{)2645}$

11.  $30 \overline{)785}$

12.  $60 \overline{)5270}$

Solve.

13. The Eagles Club is having a dinner-dance. The tickets are \$20.00 a couple. How many couples will have to buy tickets to raise \$1500.00?

14. How many minutes are equal to 4500 s (seconds)?

**Extra Practice****Worksheet A32**

Pages 136 – 137

Divide. Check your answers.

1.  $28 \overline{)784}$

2.  $37 \overline{)741}$

3.  $42 \overline{)657}$

4.  $53 \overline{)1789}$

5.  $68 \overline{)5264}$

6.  $77 \overline{)6655}$

7.  $34 \overline{)782}$

8.  $57 \overline{)4536}$

9.  $83 \overline{)7162}$

10.  $49 \overline{)2389}$

11.  $31 \overline{)1892}$

12.  $18 \overline{)453}$

Solve.

13. The animal feed machine at the zoo takes only quarters. The machine has 975¢ in it. How many quarters are in it?
14. There were 12 adults on an elevator. Their total mass was 820 kg. What was the average mass of each adult?



**Extra Practice****Worksheet A33**

Pages 138 – 139

Divide. Check your answer.

1.  $53 \overline{)1961}$

2.  $46 \overline{)3651}$

3.  $56 \overline{)1075}$

4.  $32 \overline{)2384}$

5.  $54 \overline{)2251}$

6.  $57 \overline{)4452}$

7.  $49 \overline{)4760}$

8.  $71 \overline{)5230}$

9.  $28 \overline{)1492}$

10.  $84 \overline{)6191}$

11.  $55 \overline{)2841}$

12.  $63 \overline{)4662}$

Solve.

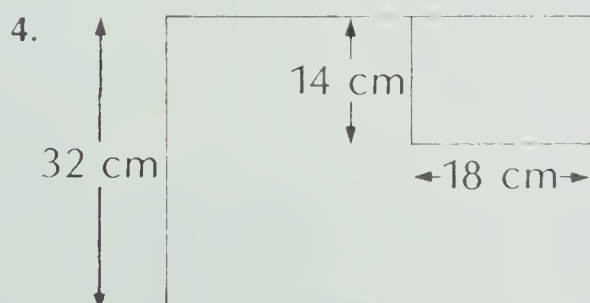
13. The money taken in for the \$18.00 seats at the ballet was \$1368. How many \$18 tickets were sold?
14. The Junior Reporters Club puts out its own newspaper. The Club makes a profit of 11¢ on each newspaper sold. Last month the profit was 407¢. How many newspapers were sold?

**Extra Practice****Worksheet PS5**

Pages 140 – 141

What information is not needed? Solve the problem.

1. Six people are driving to the Yukon for a 10 day holiday. They will share the \$960 expenses. How much will each one pay?
2. The zoo's budget for hay is \$42 a day. An elephant can eat 50 kg of hay in a day. What is the zoo's annual budget for hay?
3. A refreshment booth plans to sell 648 cups of coffee at 35¢ each. The coffee urn makes 36 cups of coffee at a time. How many urns of coffee will be made?



The area of the large rectangle is  $1472 \text{ cm}^2$ . What is its length, if its width is 32 cm?





**Post-test**

Multiply.

$$\begin{array}{r} 1. \quad 350 \\ \times 32 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 740 \\ \times 67 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 960 \\ \times 58 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 890 \\ \times 69 \\ \hline \end{array}$$

Estimate the product.

$$\begin{array}{r} 5. \quad 485 \\ \times 24 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 679 \\ \times 73 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 804 \\ \times 31 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 534 \\ \times 25 \\ \hline \end{array}$$

Multiply.

$$\begin{array}{r} 9. \quad 758 \\ \times 39 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 625 \\ \times 87 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 306 \\ \times 54 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 948 \\ \times 79 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad \$2.65 \\ \times 86 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad \$8.39 \\ \times 78 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad \$9.98 \\ \times 59 \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad \$7.85 \\ \times 93 \\ \hline \end{array}$$

Divide.

$$17. \quad 19 \overline{)126}$$

$$18. \quad 22 \overline{)750}$$

$$19. \quad 63 \overline{)342}$$

$$20. \quad 58 \overline{)491}$$

$$21. \quad 88 \overline{)264}$$

$$22. \quad 72 \overline{)627}$$

$$23. \quad 93 \overline{)645}$$

$$24. \quad 47 \overline{)423}$$

$$25. \quad 40 \overline{)210}$$

$$26. \quad 80 \overline{)7160}$$

$$27. \quad 70 \overline{)5600}$$

$$28. \quad 94 \overline{)9120}$$

$$29. \quad 68 \overline{)3026}$$

$$30. \quad 92 \overline{)7758}$$

$$31. \quad 38 \overline{)1469}$$

$$32. \quad 79 \overline{)6758}$$

$$33. \quad 82 \overline{)7186}$$

$$34. \quad 67 \overline{)4395}$$

$$35. \quad 48 \overline{)2544}$$

$$36. \quad 63 \overline{)5711}$$

Solve.

37. Trains depart from the Regina station at 9:00 AM, 10:30 AM, and 1:45 PM. If you miss the first train by 5 minutes, how long must you wait for the next train?



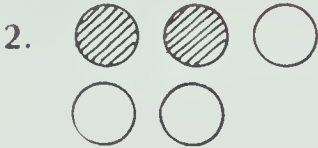
Pretest

Unit 7

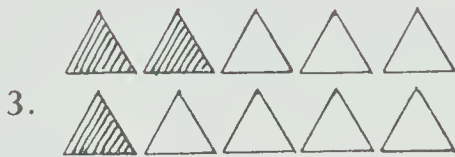
What fraction of the set is shaded?



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_

Complete.

4.  $\frac{1}{2} \times 10 = \underline{\hspace{2cm}}$

5.  $\frac{1}{3} \times 12 = \underline{\hspace{2cm}}$

6.  $\frac{1}{4} \times 20 = \underline{\hspace{2cm}}$

7.  $\frac{1}{6} \times 18 = \underline{\hspace{2cm}}$

8.  $\frac{2}{3} \times 9 = \underline{\hspace{2cm}}$

9.  $\frac{3}{10} \times 30 = \underline{\hspace{2cm}}$

Write the ratio.

10. 5 dogs to 2 cats

11. 3 skateboards to 7 bicycles

Complete.

12.  $\frac{2}{3} = \frac{2 \times 4}{3 \times 4} = \underline{\hspace{2cm}}$

13.  $\frac{15}{20} = \frac{15 \div 5}{20 \div 5} = \underline{\hspace{2cm}}$

14.  $\frac{3}{6} = \frac{\blacksquare}{2}$

15.  $\frac{1}{4} = \frac{4}{\blacksquare}$

16.  $\frac{9}{\blacksquare} = \frac{3}{4}$

17.  $\frac{\blacksquare}{3} = \frac{10}{15}$

18.  $\frac{3}{4} = \frac{\blacksquare}{8} = \frac{\blacksquare}{12}$

19.  $\frac{5}{3} = \frac{\blacksquare}{6} = \frac{\blacksquare}{12}$

20.  $\frac{16}{24} = \frac{\blacksquare}{6} = \frac{\blacksquare}{3}$

Write as decimals.

21.  $\frac{4}{5} = 0.\underline{\hspace{2cm}}$

22.  $\frac{7}{10} = 0.\underline{\hspace{2cm}}$

23.  $\frac{3}{100} = 0.\underline{\hspace{2cm}}$

24.  $\frac{1}{4} = 0.\underline{\hspace{2cm}}$

Compare the fractions. Write  $<$  or  $>$ .

25.  $\frac{4}{7} \bigcirc \frac{3}{7}$

26.  $\frac{3}{3} \bigcirc \frac{2}{3}$

27.  $\frac{1}{2} \bigcirc \frac{5}{12}$

28.  $\frac{3}{4} \bigcirc \frac{7}{8}$



**Extra Practice****Worksheet N11**

Pages 146-147

What fraction of the set is shaded?



Draw and shade a set of objects to show these fractions.

5.  $\frac{5}{6}$

6.  $\frac{3}{10}$

7.  $\frac{7}{13}$

8.  $\frac{5}{5}$

Write the fraction.

9. There are ten provinces. Three of them border Hudson Bay.
10. There are twelve provinces and territories. The Rocky Mountains run through four of them.

**Extra Practice****Worksheet A34**

Pages 148-149

Complete.

1.  $\frac{1}{2}$  of 14 = \_\_\_\_\_

2.  $\frac{1}{3}$  of 18 = \_\_\_\_\_

3.  $\frac{1}{9}$  of 18 = \_\_\_\_\_

4.  $\frac{1}{2}$  of 16 = \_\_\_\_\_

5.  $\frac{1}{6}$  of 18 = \_\_\_\_\_

6.  $\frac{1}{8}$  of 24 = \_\_\_\_\_

7.  $\frac{1}{7}$  of 28 = \_\_\_\_\_

8.  $\frac{1}{4}$  of 32 = \_\_\_\_\_

Multiply.

9.  $\frac{1}{4} \times 40 =$  \_\_\_\_\_

10.  $\frac{1}{6} \times 42 =$  \_\_\_\_\_

11.  $\frac{1}{3} \times 21 =$  \_\_\_\_\_

12.  $\frac{1}{10} \times 50 =$  \_\_\_\_\_

13.  $\frac{1}{8} \times 40 =$  \_\_\_\_\_

14.  $\frac{1}{7} \times 49 =$  \_\_\_\_\_

15.  $\frac{1}{9} \times 72 =$  \_\_\_\_\_

16.  $\frac{1}{6} \times 48 =$  \_\_\_\_\_

Solve.

17. The provincial and territorial crests are alike in some ways.
- a. One half of them have a lion (or lions) on them. How many crests is that? \_\_\_\_\_ Name them. \_\_\_\_\_
- b. One sixth of the crests picture wheat. How many is that? \_\_\_\_\_ Name them. \_\_\_\_\_



Complete.

1.  $\frac{1}{4}$  of 16 = \_\_\_\_\_
2.  $\frac{1}{3}$  of 27 = \_\_\_\_\_
3.  $\frac{1}{5} \times 35 =$  \_\_\_\_\_
4.  $\frac{1}{7} \times 14 =$  \_\_\_\_\_
- $\frac{3}{4}$  of 16 = \_\_\_\_\_
- $\frac{2}{3}$  of 27 = \_\_\_\_\_
- $\frac{3}{5} \times 35 =$  \_\_\_\_\_
- $\frac{5}{7} \times 14 =$  \_\_\_\_\_
5.  $\frac{2}{5} \times 15 =$  \_\_\_\_\_
6.  $\frac{2}{9} \times 36 =$  \_\_\_\_\_
7.  $\frac{4}{5} \times 25 =$  \_\_\_\_\_
8.  $\frac{3}{8} \times 24 =$  \_\_\_\_\_
9.  $\frac{5}{9} \times 18 =$  \_\_\_\_\_
10.  $\frac{3}{4} \times 28 =$  \_\_\_\_\_
11.  $\frac{3}{4} \times 12 =$  \_\_\_\_\_
12.  $\frac{3}{10} \times 40 =$  \_\_\_\_\_
13.  $\frac{5}{6} \times 24 =$  \_\_\_\_\_
14.  $\frac{2}{3} \times 21 =$  \_\_\_\_\_
15.  $\frac{5}{8} \times 40 =$  \_\_\_\_\_
16.  $\frac{8}{9} \times 81 =$  \_\_\_\_\_

Solve.

17. Of the ten provinces in Canada, three fifths have one-word names.  
How many provinces is that? \_\_\_\_\_ Name them. \_\_\_\_\_

Write the ratio two ways.

Describe the ratio	■ to ■	$\frac{\blacksquare}{\blacksquare}$
1. 9 trains to 5 airplanes		
2. 19 pens to 11 pencils		
3. 4 pictures to 20 pictures		
4. 35 dolls to 16 toy cars		
5. 56 men to 77 women		

Draw a picture. Write the ratio.

6. There are 2 boys and 1 girl in Ken’s family. What is the ratio of:  
a. girls to boys? \_\_\_\_\_ b. boys to girls? \_\_\_\_\_
7. Mary was playing a dart game. In 10 throws she hit the centre 3 times. What was the ratio of hits to throws?





**Extra Practice****Worksheet N13**

Pages 154-155

Write two ratios.

1.  $\frac{EE}{WWWW} = \frac{EE}{WWWW}$

2.  $\frac{XXXXXXXX}{BBBBB} = \frac{XXXXXXXX}{BBBBB}$

3.  $\frac{GGGG}{SSSSSS} = \frac{GGGG}{SSSSSS}$

Complete.

4.  $\frac{2}{3} = \frac{2 \times 3}{3 \times 3} = \frac{\quad}{\quad}$

5.  $\frac{12}{16} = \frac{12 \div 4}{16 \div 4} = \frac{\quad}{\quad}$

6.  $\frac{1}{8} = \frac{1 \times 3}{8 \times 3} = \frac{\quad}{\quad}$

7.  $\frac{20}{25} = \frac{20 \div 5}{25 \div 5} = \frac{\quad}{\quad}$

8.  $\frac{5}{9} = \frac{5 \times 4}{9 \times 4} = \frac{\quad}{\quad}$

9.  $\frac{18}{36} = \frac{18 \div 18}{36 \div 18} = \frac{\quad}{\quad}$

Draw a picture. Write a proportion.

10. Max and his friend helped the balloon seller carry balloons to the park. Each boy had 8 balloons in each hand. How many balloons were they carrying?

**Extra Practice****Worksheet N14**

Pages 156-157

Find the missing term.

1.  $\frac{1}{5} = \frac{\blacksquare}{100}$

2.  $\frac{3}{4} = \frac{27}{\blacksquare}$

3.  $\frac{15}{\blacksquare} = \frac{3}{2}$

4.  $\frac{2}{3} = \frac{50}{\blacksquare}$

5.  $\frac{\blacksquare}{6} = \frac{30}{36}$

6.  $\frac{64}{72} = \frac{8}{\blacksquare}$

7.  $\frac{\blacksquare}{9} = \frac{2}{3}$

8.  $\frac{24}{\blacksquare} = \frac{6}{7}$

9. How many books on 5 shelves?  
books  $\frac{25}{1} = \frac{\blacksquare}{5}$   
shelves

10. How much do 9 cans cost?  
cans  $\frac{3}{80\text{¢}} = \frac{9}{\blacksquare}$   
cost

11. One spider has how many legs?  
spiders  $\frac{6}{48} = \frac{1}{\blacksquare}$   
legs

12. How many apples in 4 bags?  
apples  $\frac{12}{1} = \frac{\blacksquare}{4}$   
bags

13. How many days in 7 weeks?  
days  $\frac{7}{1} = \frac{\blacksquare}{7}$   
weeks

14. How many heartbeats in 10 minutes?  
heartbeats  $\frac{72}{1} = \frac{\blacksquare}{10}$   
minutes





Extra Practice


Worksheet N15

Pages 158-159

Write equivalent fractions.

1. 

2. 

3. 

4.  $\frac{3}{7} = \frac{\blacksquare}{21}$

5.  $\frac{5}{9} = \frac{20}{\blacksquare}$

6.  $\frac{18}{20} = \frac{\blacksquare}{10}$

7.  $\frac{6}{5} = \frac{12}{\blacksquare}$

8.  $\frac{24}{28} = \frac{\blacksquare}{7}$

9.  $\frac{3}{8} = \frac{\blacksquare}{64}$

10.  $\frac{45}{54} = \frac{\blacksquare}{6}$

11.  $\frac{4}{6} = \frac{\blacksquare}{3}$

12.  $\frac{18}{24} = \frac{3}{\blacksquare}$

13.  $\frac{7}{9} = \frac{35}{\blacksquare}$

14.  $\frac{8}{8} = \frac{\blacksquare}{16}$

15.  $\frac{24}{36} = \frac{8}{\blacksquare}$

16.  $\frac{1}{10} = \frac{\blacksquare}{100}$

17.  $\frac{2}{9} = \frac{18}{\blacksquare}$

18.  $\frac{56}{64} = \frac{7}{\blacksquare}$

19.  $\frac{27}{45} = \frac{\blacksquare}{5}$

20.  $\frac{12}{20} = \frac{\blacksquare}{5}$

21.  $\frac{1}{7} = \frac{\blacksquare}{49}$

22.  $\frac{15}{24} = \frac{5}{\blacksquare}$

23.  $\frac{1}{20} = \frac{3}{\blacksquare}$

Extra Practice

Worksheet N16

Pages 160-161

Colour equivalent fractions.

0.25 yellow

0.5 blue

0.2 pink

1.0 red

0.1 green

0.8 orange

$\frac{1}{2}$	$\frac{4}{20}$	$\frac{8}{10}$	$\frac{1}{1}$	$\frac{2}{20}$
$\frac{2}{10}$	$\frac{50}{100}$	$\frac{1}{4}$	$\frac{10}{100}$	$\frac{100}{100}$
$\frac{2}{4}$	$\frac{1}{5}$	$\frac{80}{100}$	$\frac{4}{5}$	$\frac{5}{50}$
$\frac{20}{100}$	$\frac{5}{10}$	$\frac{5}{20}$	$\frac{1}{10}$	$\frac{25}{25}$



**Extra Practice****Worksheet N17**

Pages 162-163

Compare the fractions. Write  $<$  or  $>$ .

1.  $\frac{1}{2} \bigcirc \frac{3}{4}$

2.  $\frac{4}{5} \bigcirc \frac{7}{10}$

3.  $\frac{5}{8} \bigcirc \frac{1}{2}$

4.  $\frac{1}{6} \bigcirc \frac{4}{18}$

5.  $\frac{9}{12} \bigcirc \frac{5}{6}$

6.  $\frac{3}{7} \bigcirc \frac{7}{14}$

7.  $\frac{1}{4} \bigcirc \frac{5}{16}$

8.  $\frac{4}{9} \bigcirc \frac{1}{3}$

9.  $\frac{11}{20} \bigcirc \frac{3}{5}$

10.  $\frac{3}{4} \bigcirc \frac{11}{16}$

11.  $\frac{3}{10} \bigcirc \frac{10}{30}$

12.  $\frac{10}{24} \bigcirc \frac{3}{8}$

Solve.

13. A film about Quebec lasts  $\frac{3}{4}$  of an hour. A film on the Maritimes lasts  $\frac{5}{8}$  of an hour. Which film is shorter?

**Extra Practice****Worksheet PS6**

Pages 164-165

Solve the problems that have the necessary facts. If a problem is missing a fact, tell what fact is needed.

1. Bob works seven hours a day. How many hours does he work in a week?
2. A 1000 mL bottle of shampoo costs \$2.98. How much more shampoo does it have than the smaller bottle?
3. Tim gets an allowance of 35¢ a week and Marie gets twice as much. Peter gets 30¢ more than Marie. How much is Peter's allowance?
4. Mr. Kovak bought six 2 L containers of milk. How much did he pay for the milk?
5. A principal ordered 5 buses to take 241 children to the museum. Did he order enough buses?



## Post-test

## Unit 7

What fraction of the set is shaded?



\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Complete.

4.  $\frac{1}{3} \times 9 = \underline{\hspace{2cm}}$

5.  $\frac{1}{4} \times 12 = \underline{\hspace{2cm}}$

6.  $\frac{1}{5} \times 15 = \underline{\hspace{2cm}}$

7.  $\frac{1}{7} \times 21 = \underline{\hspace{2cm}}$

8.  $\frac{2}{3} \times 12 = \underline{\hspace{2cm}}$

9.  $\frac{3}{8} \times 16 = \underline{\hspace{2cm}}$

Write the ratios.

10. 9 houses to each block

11. 12 cars for 50 people

Complete.

12.  $\frac{5}{8} = \frac{5 \times 3}{8 \times 3} = \underline{\hspace{2cm}}$

13.  $\frac{12}{16} = \frac{12 \div 4}{16 \div 4} = \underline{\hspace{2cm}}$

14.  $\frac{4}{8} = \frac{\blacksquare}{2}$

15.  $\frac{1}{3} = \frac{3}{\blacksquare}$

16.  $\frac{15}{\blacksquare} = \frac{3}{4}$

17.  $\frac{\blacksquare}{3} = \frac{12}{18}$

18.  $\frac{2}{3} = \frac{\blacksquare}{9} = \frac{\blacksquare}{12}$

19.  $\frac{5}{2} = \frac{\blacksquare}{4} = \frac{\blacksquare}{10}$

20.  $\frac{20}{24} = \frac{\blacksquare}{12} = \frac{\blacksquare}{6}$

Write as decimals.

21.  $\frac{3}{5} = 0.\underline{\hspace{2cm}}$

22.  $\frac{9}{10} = 0.\underline{\hspace{2cm}}$

23.  $\frac{7}{100} = 0.\underline{\hspace{2cm}}$

24.  $\frac{1}{20} = 0.\underline{\hspace{2cm}}$

Compare the fractions. Write  $<$  or  $>$ .

25.  $\frac{7}{10} \bigcirc \frac{8}{10}$

26.  $\frac{4}{5} \bigcirc \frac{5}{5}$

27.  $\frac{4}{7} \bigcirc \frac{7}{14}$

28.  $\frac{2}{3} \bigcirc \frac{7}{12}$

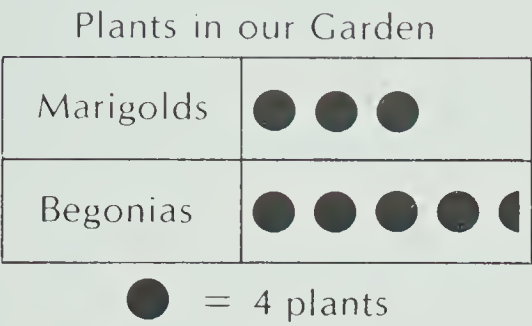




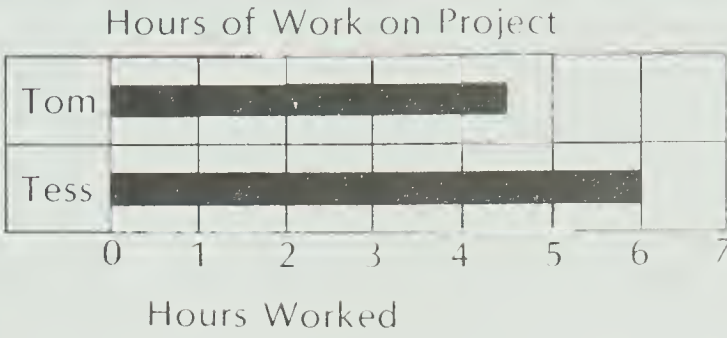
Pretest

Unit 8

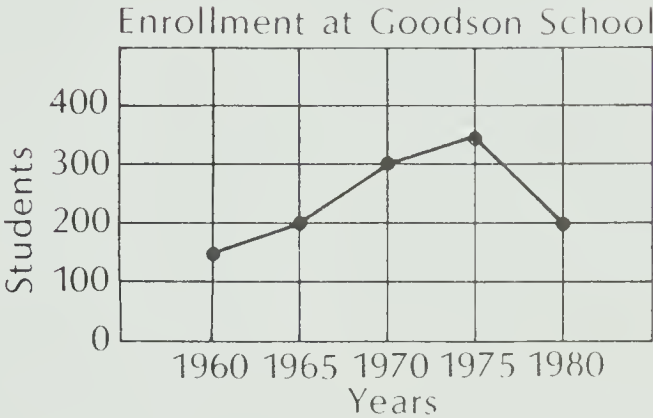
1. How many plants of each kind are there?



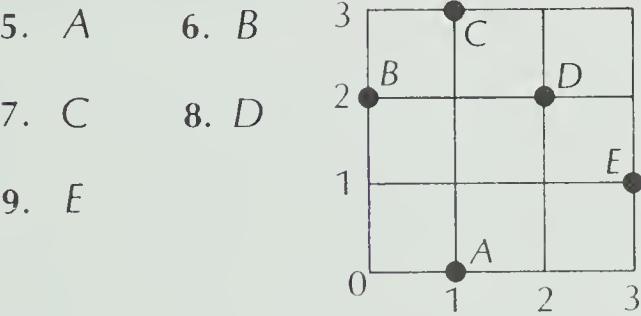
2. How long did each student work?



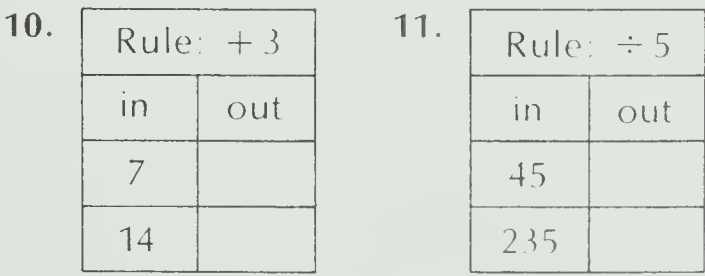
3. When was the enrollment the greatest? the lowest?
4. Between what years was the enrollment increasing?



Write the coordinates describing each location on the grid.



Complete the chart.

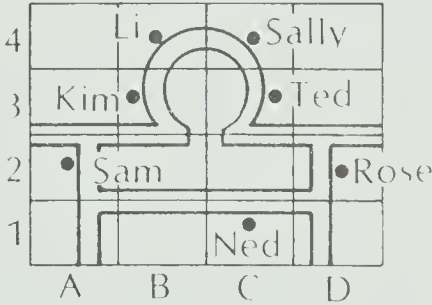


Who lives at each location?

12. (B, 3)      13. (C, 4)      14. (D, 2)

Write an ordered pair for each.

15. Sam's house      16. Li's house
17. Ned's house



Tina's Allowance





18. How was most of Tina's allowance spent?
19. What fraction of her allowance did she save?












## Extra Practice

## Worksheet GR1

Pages 170-171

- Draw a pictograph to show the number of boys and girls in your class.  
Use  to represent 2 boys and  to represent 2 girls.
- Draw a pictograph to show this information.  
Money Earned at the Walkathon: Paul \$12.00, Sandra, \$20.00, Li \$22.00, Nick \$26.00. Use a picture of a dollar bill to represent four dollars.
- Use the pictograph to answer these questions.
  - How many fiction books are in the library?
  - How many non-fiction books are there?
  - How would 125 books be represented?

Books in Holden  
School Library

Fiction	   
Non-fiction	    

 represents 250 books

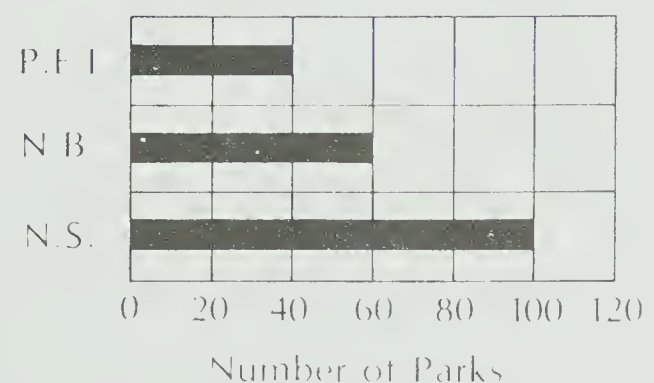
## Extra Practice

## Worksheet GR2

Pages 172-173

- Use the graph to answer these questions.
  - Which of the three provinces has the greatest number of provincial parks?
  - How many parks has Prince Edward Island? Nova Scotia?
  - Do New Brunswick and Prince Edward Island together have as many parks as Nova Scotia?

Provincial Parks



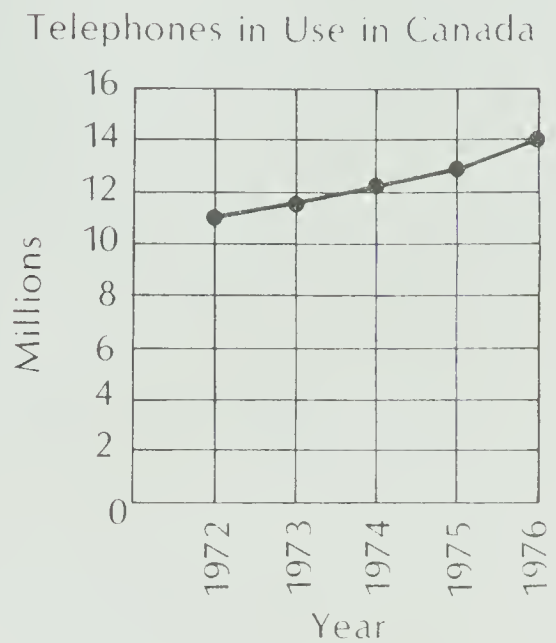
- Make a bar graph to show the approximate area in square kilometres of these islands: Vancouver 31 000 km<sup>2</sup>, Graham 6000 km<sup>2</sup>, Banks 1000 km<sup>2</sup>, Moresby 2500 km<sup>2</sup>.



## Extra Practice

1. Use the graph to answer these questions.

- What unit of measure is used on the vertical axis?
- About how many telephones were there in 1972? In 1976?
- About how many more telephones were there in 1976 than there were in 1972?

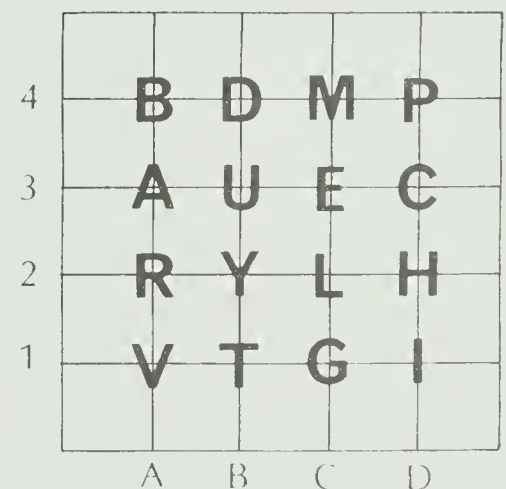


2. Draw a line graph to show the average daily temperature for Frobisher Bay in the summer: June 4°C, July 8°C, August 7°C, and September 2°C.

## Extra Practice

Use the grid to write words from the coordinates.

- (D, 3) (B, 3) (A, 4) (C, 3)
- (A, 2) (D, 1) (C, 1) (D, 2) (B, 1)
- (B, 1) (A, 3) (A, 2) (C, 1) (C, 3) (B, 1)
- (C, 2) (C, 3) (A, 3) (D, 4)



5. Make other words from the letters in the square. "Spell" the words by writing the coordinates of each letter in order. Letters may be used more than once in a word.



## Extra Practice

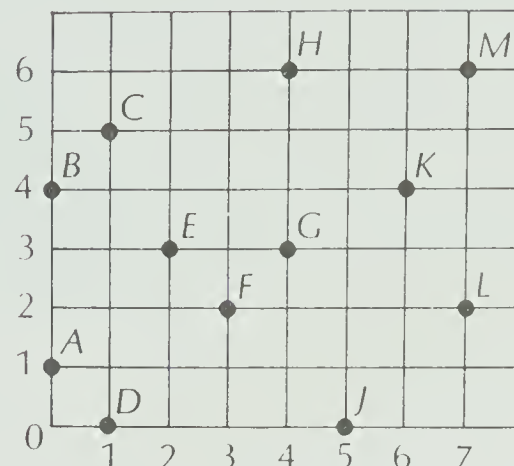
## Worksheet GR5

Pages 178-179

Look at the grid to answer these questions.

1. Write the ordered pair for the location of each letter.

- |      |      |      |
|------|------|------|
| a. A | b. E | c. H |
| d. J | e. L | f. B |
| g. K | h. D | i. M |



2. Write the letter at each location.

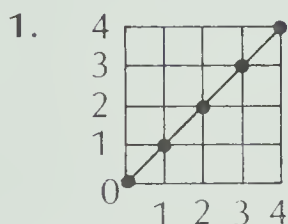
- |                 |                 |                 |                 |
|-----------------|-----------------|-----------------|-----------------|
| a. (5, 0) _____ | b. (7, 6) _____ | c. (1, 0) _____ | d. (0, 4) _____ |
| e. (1, 5) _____ | f. (4, 3) _____ | g. (3, 2) _____ | h. (4, 6) _____ |

## Extra Practice

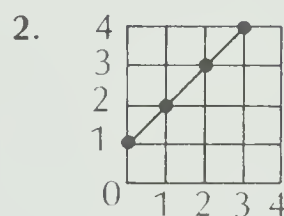
## Worksheet GR6

Pages 180-181

Use the graph paper to complete the chart.



Rule:	
in	out
2	
4	
8	



Rule:	
in	out
1	
2	
3	

Complete the chart.

3.

Rule: $\times 5$	
in	out
3	
6	
9	

4.

Rule: $\div 4$	
in	out
4	
12	
20	

5.

Rule: $+ 8.5$	
in	out
6	
9	
12	

6.

Rule: $- 2.5$	
in	out
3	
7	
10	

Make a chart and solve.

7. Pauline wants a bicycle. Her father will give her \$2 for every \$1 she earns. How much will her father give her when she has earned \$13? \$17.50? \$34.00?

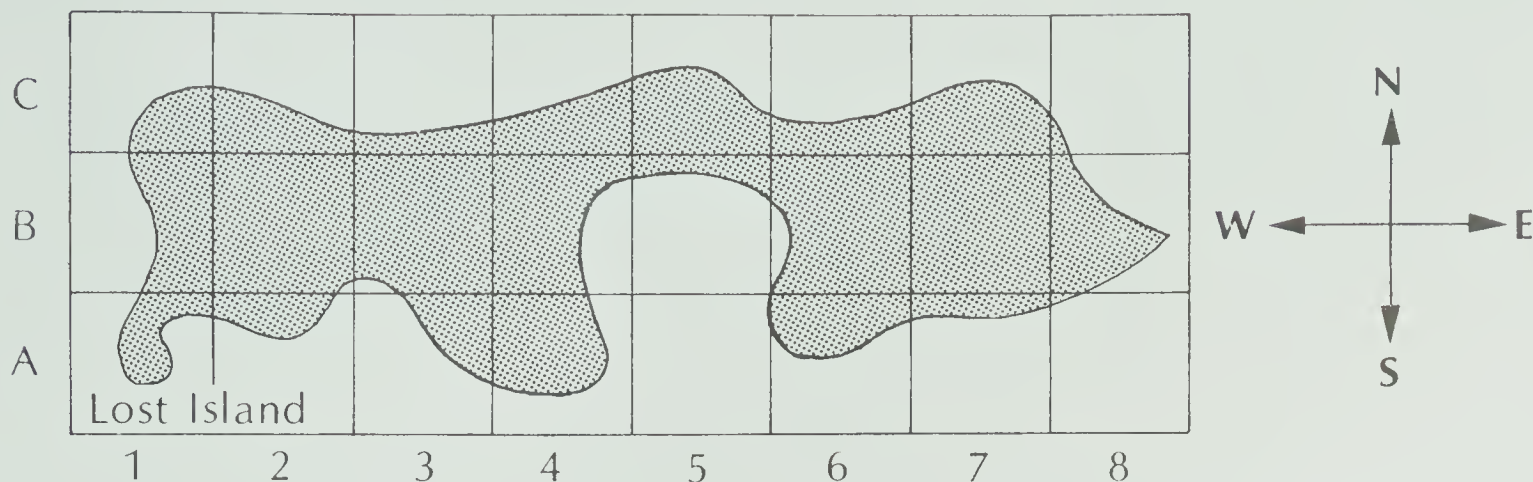




## Extra Practice

## Worksheet GR7

Pages 182-183



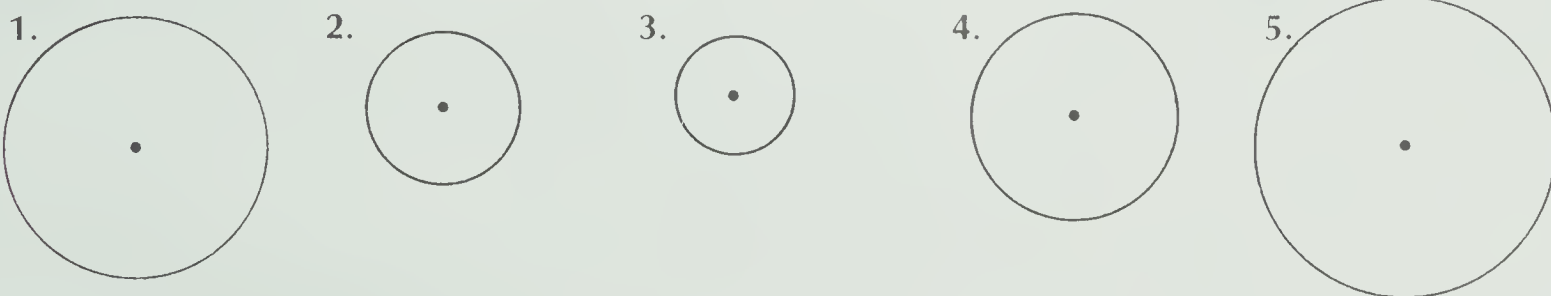
- Use the ordered pairs to put each place on Lost Island.
  - (3, B) Fort William
  - (1, A) Fisherman's Cove
  - (4, C) Pines Park
  - (7, A) Sandy Beach
  - (8, B) Lookout Point
  - (1, C) Rocky Cliffs
- What is located north of Fisherman's Cove?
- What is located east of Fort William?
- What is located west of Pines Park?

## Extra Practice

## Worksheet M14

Pages 184-185

Measure the radius and the diameter in millimetres.



Complete the chart.

	Circle	Diameter	Radius	Circumference
6.	A		3 cm	
7.	B	8 mm		
8.	C		12 mm	
9.	D	10.8 cm		



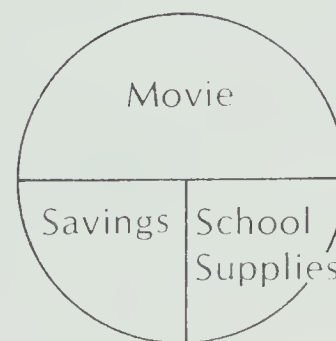
## Extra Practice

## Worksheet GR8

Pages 186-187

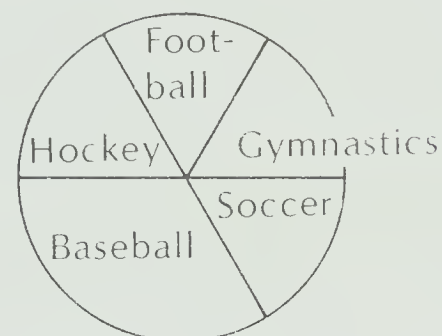
Use the circle graphs to answer these questions.

1. One week Colette used her allowance as shown in the graph.



- How did Colette spend most of her allowance? \_\_\_\_\_
- What fraction of her allowance did she save? \_\_\_\_\_
- Did she spend more on school supplies than she saved? \_\_\_\_\_

2. A survey was made of Grade 5 students to show the sports they played. The results of the survey are shown in the graph.



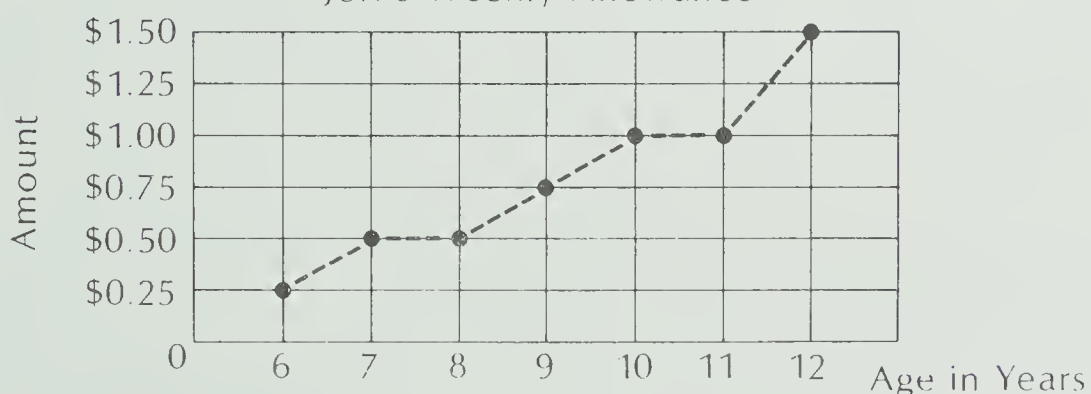
- What fraction of the students play soccer? \_\_\_\_\_ baseball? \_\_\_\_\_
- Which sport had the greatest number of players? \_\_\_\_\_
- Does the graph tell you that both boys and girls played hockey? \_\_\_\_\_

## Extra Practice

## Worksheet PS7

Pages 188-189

Jeff's Weekly Allowance



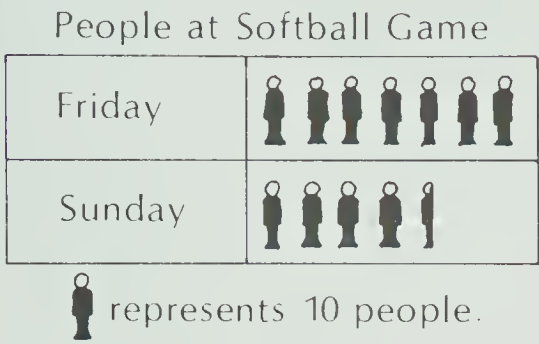
- What was Jeff's allowance when he was 6? \_\_\_\_\_ 8? \_\_\_\_\_ 10? \_\_\_\_\_
- At what ages did his allowance stay the same as the year before? \_\_\_\_\_
- When did his allowance make the greatest jump? \_\_\_\_ How much? \_\_\_\_
- At age 12, how much allowance did Jeff get in a whole year? \_\_\_\_\_



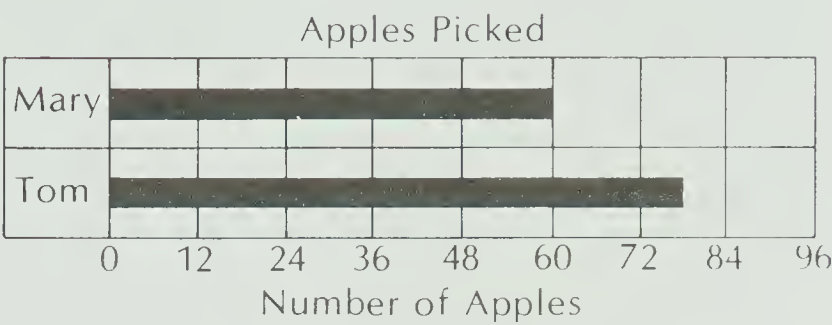
Post-test

Unit 8

1. How many people were at each game?

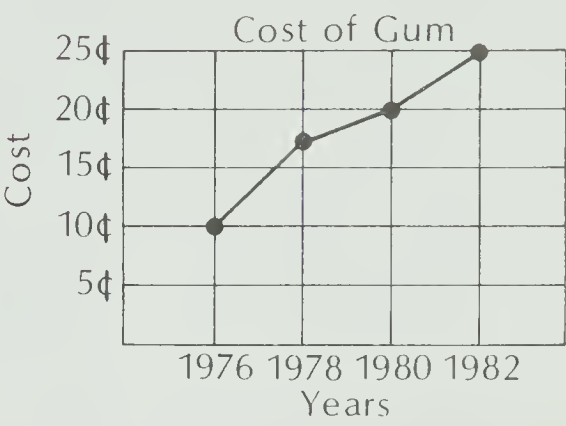


2. How many apples did each person pick?

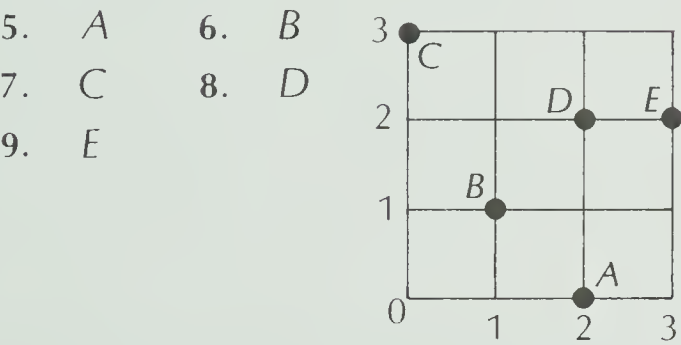


3. How much did gum cost in 1980?

4. When was the greatest price increase?



Write the coordinates describing each location on the grid.



Copy and complete the chart.

10.

Rule: $\times 4$	
in	out
4	
20	

11.

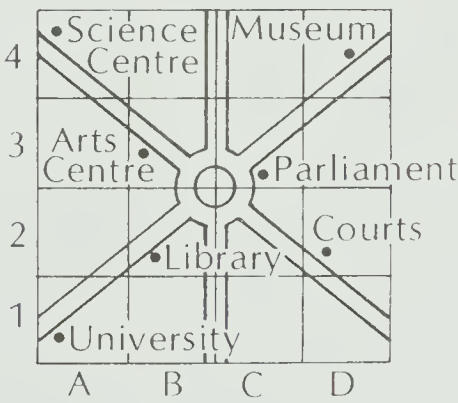
Rule: $- 2$	
in	out
16	
24.5	

What building is at each location?

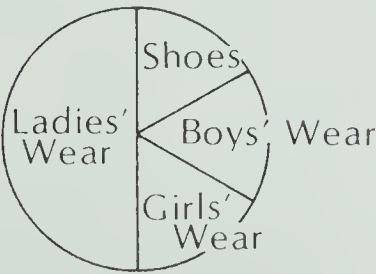
12. (D, 4)      13. (A, 4)      14. (B, 2)

Write an ordered pair for each.

15. Courts      16. University      17. Arts Centre



Space in Store



18. Which department had the most space?

19. What fraction of the space was used by the shoe department?



**Pretest****Unit 9**

Multiply.

$$\begin{array}{r} 1. \quad 0.07 \\ \times 6 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 0.09 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 0.14 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 0.72 \\ \times 8 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 0.96 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 7.51 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 6.42 \\ \times 5 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 8.03 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 7.46 \\ \times 3 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 9.05 \\ \times 2 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 3 \\ \times 0.9 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 8 \\ \times 0.5 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 45 \\ \times 0.7 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 92 \\ \times 0.5 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 186 \\ \times 0.8 \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad 0.5 \\ \times 0.6 \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad 0.9 \\ \times 0.4 \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad 0.8 \\ \times 0.7 \\ \hline \end{array}$$

$$\begin{array}{r} 19. \quad 0.5 \\ \times 0.5 \\ \hline \end{array}$$

$$\begin{array}{r} 20. \quad 0.1 \\ \times 0.6 \\ \hline \end{array}$$

$$\begin{array}{r} 21. \quad 5.2 \\ \times 0.9 \\ \hline \end{array}$$

$$\begin{array}{r} 22. \quad 8.6 \\ \times 0.3 \\ \hline \end{array}$$

$$\begin{array}{r} 23. \quad 3.4 \\ \times 0.5 \\ \hline \end{array}$$

$$\begin{array}{r} 24. \quad 32.8 \\ \times 0.2 \\ \hline \end{array}$$

$$\begin{array}{r} 25. \quad 46.5 \\ \times 0.1 \\ \hline \end{array}$$

$$\begin{array}{r} 26. \quad 8.7 \\ \times 1.6 \\ \hline \end{array}$$

$$\begin{array}{r} 27. \quad 4.3 \\ \times 4.9 \\ \hline \end{array}$$

$$\begin{array}{r} 28. \quad 2.7 \\ \times 8.6 \\ \hline \end{array}$$

$$\begin{array}{r} 29. \quad 9.7 \\ \times 5.3 \\ \hline \end{array}$$

$$\begin{array}{r} 30. \quad 23.5 \\ \times 1.2 \\ \hline \end{array}$$

Round to the nearest tenth.

31. 3.24

32. 8.95

33. 6.88

34. 12.41

35. 29.37

Divide.

36.  $2 \overline{)2.6}$

37.  $3 \overline{)5.7}$

38.  $9 \overline{)11.7}$

39.  $7 \overline{)63.56}$

40.  $9 \overline{)12.24}$

Write as a decimal.

41.  $\frac{3}{4}$

42.  $\frac{1}{2}$

43.  $\frac{9}{10}$

44.  $\frac{3}{25}$

45.  $\frac{1}{50}$

Solve.

46. A 5 kg bag of bird seed costs \$12.98. What is the cost of 1 kg?





Name \_\_\_\_\_

## Extra Practice

## Worksheet A36

Pages 194-195

Multiply.

$$\begin{array}{r} 1. \quad 0.06 \\ \times \quad 4 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 0.52 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 0.59 \\ \times \quad 7 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 0.03 \\ \times \quad 12 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 0.45 \\ \times \quad 63 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 0.77 \\ \times \quad 89 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 0.72 \\ \times \quad 18 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 0.38 \\ \times \quad 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 0.83 \\ \times \quad 52 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 0.61 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 0.45 \\ \times \quad 15 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 0.92 \\ \times \quad 26 \\ \hline \end{array}$$

Solve.

13. A farmer receives \$0.11 a kilogram for potatoes. How much does he get for 60 kg of potatoes?

## Extra Practice

## Worksheet A37

Pages 196-197

Find the product.

$$\begin{array}{r} 1. \quad 3.08 \\ \times \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 6.39 \\ \times \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 8.65 \\ \times \quad 7 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 2.13 \\ \times \quad 16 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 5.36 \\ \times \quad 46 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 9.74 \\ \times \quad 59 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 4.33 \\ \times \quad 67 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 8.37 \\ \times \quad 9 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 6.25 \\ \times \quad 44 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 0.19 \\ \times \quad 42 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 1.48 \\ \times \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 5.55 \\ \times \quad 5 \\ \hline \end{array}$$

Solve.

13. A hired man is paid \$6.25 an hour. How much will he earn for a 40 h week?



**Extra Practice****Worksheet A38**

Pages 198-199

Find the product.

1. 
$$\begin{array}{r} 16 \\ \times 0.3 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 28 \\ \times 1.3 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 9 \\ \times 0.7 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 27 \\ \times 0.8 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 35 \\ \times 1.5 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 48 \\ \times 0.9 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 94 \\ \times 7.6 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 8 \\ \times 6.3 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 66 \\ \times 0.9 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 142 \\ \times 0.8 \\ \hline \end{array}$$

11. 
$$\begin{array}{r} 275 \\ \times 1.5 \\ \hline \end{array}$$

12. 
$$\begin{array}{r} 4782 \\ \times 0.7 \\ \hline \end{array}$$

Solve.

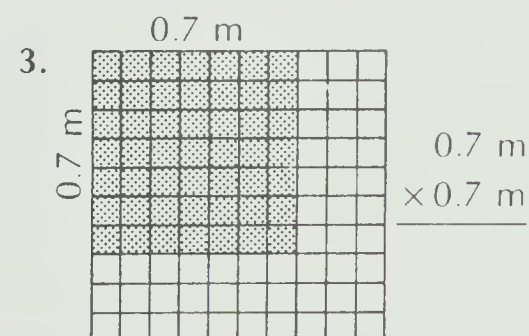
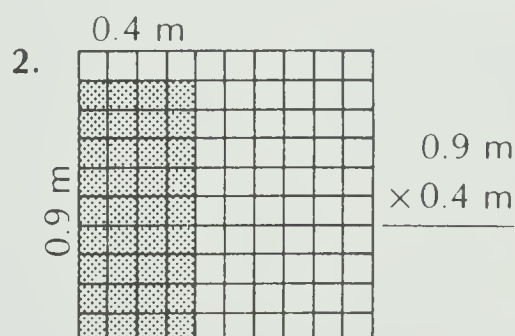
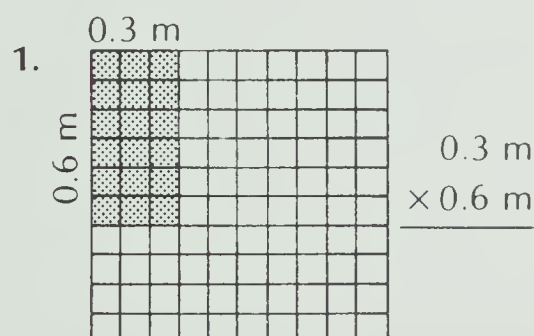
13. Jason can run a kilometre in 4.5 min. If he could keep up that pace, how long would it take him to run 5 km?

**Extra Practice****Worksheet A39**

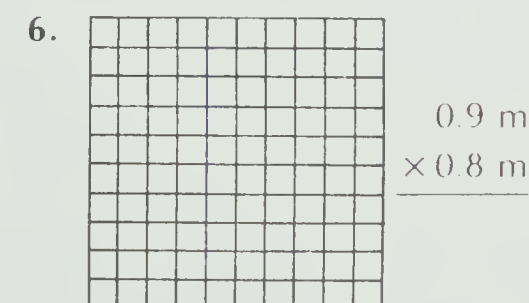
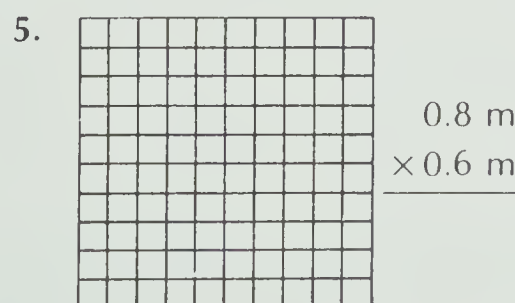
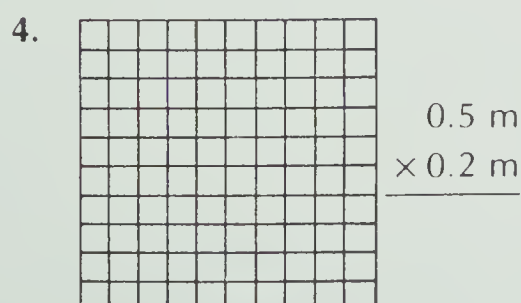
Pages 200-201

Each large square represents  $1 \text{ m}^2$ .

- a. Find the area, in square metres, of each rectangle.



- b. Draw a rectangle in each grid for each multiplication.  
Find the area in square metres.





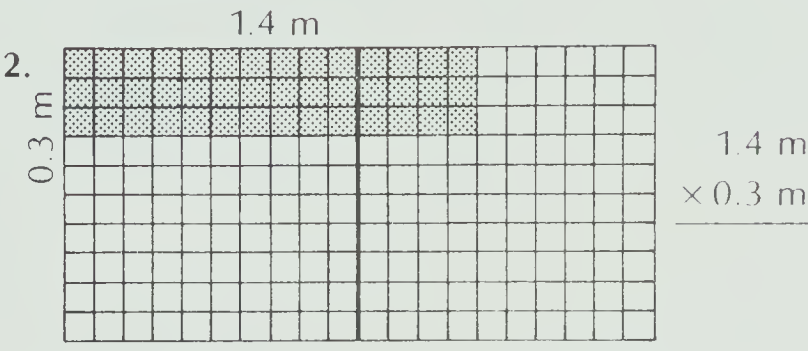
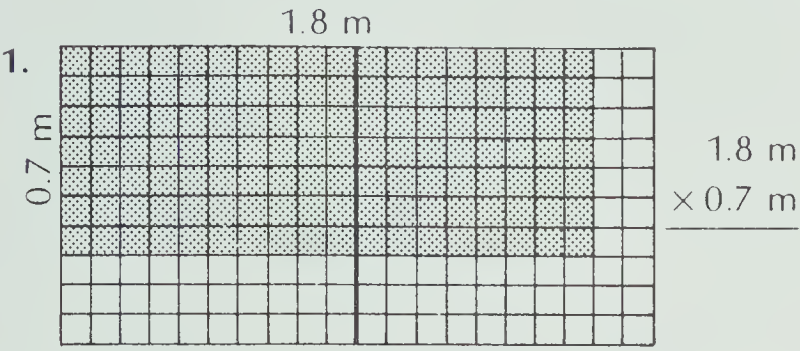
Extra Practice

Worksheet A40

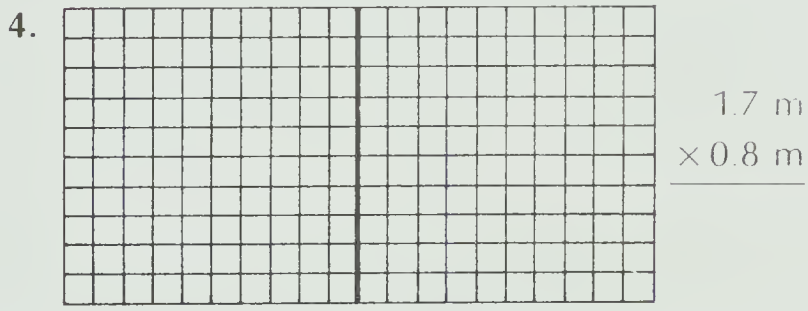
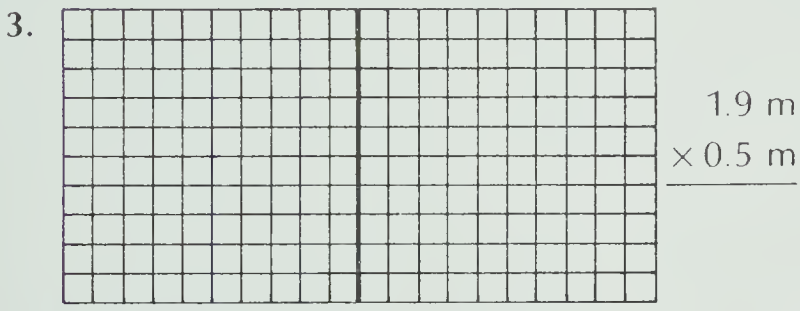
Pages 202-203

Each 10 by 10 square represents 1 m<sup>2</sup>.

a. Find the area, in square metres, of each rectangle.



b. Draw a rectangle in each grid for each multiplication.  
Find the area in square metres.



Extra Practice

Worksheet A41

Pages 204-205

Multiply.

1.  $2.2$   
 $\times 1.3$

2.  $7.4$   
 $\times 5.6$

3.  $3.8$   
 $\times 1.5$

4.  $8.5$   
 $\times 7.2$

5.  $3.9$   
 $\times 2.1$

6.  $9.7$   
 $\times 6.8$

7.  $2.5$   
 $\times 4.7$

8.  $3.8$   
 $\times 4.3$

9.  $2.7$   
 $\times 4.9$

10.  $0.7$   
 $\times 1.7$

11.  $42.7$   
 $\times 6.4$

12.  $0.56$   
 $\times 8$

Solve.

13. Mr. Solway bought 8.5 L of diesel fuel. The cost was 48.9¢ per litre.  
How much did the fuel cost?



**Extra Practice****Worksheet N18**

Pages 206-207

Round to the nearest tenth.

1. 4.78

2. 3.14

3. 7.06

4. 49.15

5. 72.81

6. 5.53

7. 6.65

8. 92.09

Round to the nearest dime.

9. \$42.67

10. \$87.24

11. \$9.89

12. \$10.99

Multiply. Give the answers to the nearest tenth.

$$\begin{array}{r} 13. \quad 6.2 \\ \times 4.8 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 1.9 \\ \times 2.7 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 5.3 \\ \times 1.4 \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad 4.8 \\ \times 2.6 \\ \hline \end{array}$$

**Extra Practice****Worksheet A42**

Pages 208-209

Place the decimal point in the quotient.

$$\begin{array}{r} 07 \\ 1. \quad 4 \overline{)2.8} \end{array}$$

$$\begin{array}{r} 031 \\ 2. \quad 5 \overline{)1.55} \end{array}$$

$$\begin{array}{r} 12 \\ 3. \quad 12 \overline{)14.4} \end{array}$$

$$\begin{array}{r} 063 \\ 4. \quad 3 \overline{)1.89} \end{array}$$

$$\begin{array}{r} 29 \\ 5. \quad 6 \overline{)17.4} \end{array}$$

$$\begin{array}{r} 043 \\ 6. \quad 2 \overline{)0.86} \end{array}$$

$$\begin{array}{r} 03 \\ 7. \quad 3 \overline{)0.9} \end{array}$$

$$\begin{array}{r} 32 \\ 8. \quad 8 \overline{)25.6} \end{array}$$

Divide.

9.  $9 \overline{)5.4}$

10.  $4 \overline{)20.4}$

11.  $5 \overline{)19.0}$

12.  $7 \overline{)4.34}$

13.  $6 \overline{)8.16}$

14.  $4 \overline{)22.72}$

15.  $5 \overline{)576.5}$

16.  $9 \overline{)67.5}$

17.  $8 \overline{)29.12}$

18.  $7 \overline{)430.5}$

19.  $9 \overline{)50.4}$

20.  $6 \overline{)5.22}$

Solve.

21. Riva did 6 math problems in 49.8 s. About how long did it take her to do each one?





**Extra Practice****Worksheet A43**

Pages 210-211

Use division to write each fraction as a decimal.

1.  $\frac{3}{10}$

2.  $\frac{7}{2}$

3.  $\frac{4}{5}$

4.  $\frac{6}{3}$

5.  $\frac{19}{50}$

6.  $\frac{1}{4}$

7.  $\frac{9}{4}$

8.  $\frac{2}{5}$

9.  $\frac{7}{25}$

10.  $\frac{9}{20}$

11.  $\frac{18}{150}$

12.  $\frac{47}{20}$

Use division to answer each question.

13. Is  $\frac{5}{4} = 1.20$ ?

14. Is  $\frac{4}{5} < 0.82$ ?

15. Is  $0.85 > \frac{7}{8}$ ?

16. Is  $0.22 < \frac{1}{5}$ ?

17. Is  $2.5 > \frac{5}{2}$ ?

18. Is  $\frac{19}{25} = 0.76$ ?

Solve.

19. Leah did her homework in  $\frac{3}{4}$  of an hour. Nathan did his in 0.65 h.  
Which one worked longer?

**Extra Practice****Worksheet PS8**

Pages 212-213

Solve these problems. Check your answer by estimation.

- Twenty two workers at a company each contributed \$3.80 to buy a retirement gift for another worker. How much was contributed in all?
- Martha's bank account was \$878.19 at the end of May and \$491.38 at the end of June. How much money had she withdrawn?
- Mount Logan is 6050 m high and Mount King is 5173 m. How much higher is Mt. Logan?
- A worker received \$306.25 for 35 h work. What was the hourly rate?
- Mr. Barnardo drove 317.6 km on Monday, 406.3 km on Tuesday, and 286.1 km on Wednesday. How far did he drive on the three days?



**Post-test****Unit 9**

Multiply.

$$\begin{array}{r} 1. \quad 0.06 \\ \times \quad 7 \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 0.04 \\ \times \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 0.13 \\ \times \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 0.73 \\ \times \quad 9 \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 0.48 \\ \times \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 5.34 \\ \times \quad 3 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 6.85 \\ \times \quad 7 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 9.43 \\ \times \quad 8 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 3.06 \\ \times \quad 6 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 9.18 \\ \times \quad 5 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 8 \\ \times 0.6 \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 7 \\ \times 0.5 \\ \hline \end{array}$$

$$\begin{array}{r} 13. \quad 26 \\ \times 0.4 \\ \hline \end{array}$$

$$\begin{array}{r} 14. \quad 98 \\ \times 0.5 \\ \hline \end{array}$$

$$\begin{array}{r} 15. \quad 247 \\ \times 0.2 \\ \hline \end{array}$$

$$\begin{array}{r} 16. \quad 0.1 \\ \times 0.6 \\ \hline \end{array}$$

$$\begin{array}{r} 17. \quad 0.3 \\ \times 0.4 \\ \hline \end{array}$$

$$\begin{array}{r} 18. \quad 0.9 \\ \times 0.5 \\ \hline \end{array}$$

$$\begin{array}{r} 19. \quad 0.7 \\ \times 0.2 \\ \hline \end{array}$$

$$\begin{array}{r} 20. \quad 0.8 \\ \times 0.6 \\ \hline \end{array}$$

$$\begin{array}{r} 21. \quad 3.7 \\ \times 0.4 \\ \hline \end{array}$$

$$\begin{array}{r} 22. \quad 8.2 \\ \times 0.5 \\ \hline \end{array}$$

$$\begin{array}{r} 23. \quad 6.9 \\ \times 0.3 \\ \hline \end{array}$$

$$\begin{array}{r} 24. \quad 4.5 \\ \times 0.1 \\ \hline \end{array}$$

$$\begin{array}{r} 25. \quad 28.3 \\ \times 0.2 \\ \hline \end{array}$$

$$\begin{array}{r} 26. \quad 4.3 \\ \times 1.2 \\ \hline \end{array}$$

$$\begin{array}{r} 27. \quad 6.7 \\ \times 5.2 \\ \hline \end{array}$$

$$\begin{array}{r} 28. \quad 8.9 \\ \times 3.7 \\ \hline \end{array}$$

$$\begin{array}{r} 29. \quad 4.1 \\ \times 1.8 \\ \hline \end{array}$$

$$\begin{array}{r} 30. \quad 43.8 \\ \times 0.5 \\ \hline \end{array}$$

Round to the nearest tenth.

31. 3.65

32. 9.17

33. 14.25

34. 28.83

35. 14.97

Divide.

36.  $3 \overline{)6.3}$

37.  $8 \overline{)4.8}$

38.  $7 \overline{)28.7}$

39.  $6 \overline{)42.06}$

40.  $5 \overline{)45.65}$

Write as a decimal.

41.  $\frac{1}{2}$

42.  $\frac{9}{10}$

43.  $\frac{4}{5}$

44.  $\frac{1}{8}$

45.  $\frac{4}{25}$

Solve.

46. One basket of apples costs \$5.99. What do 4 baskets cost?



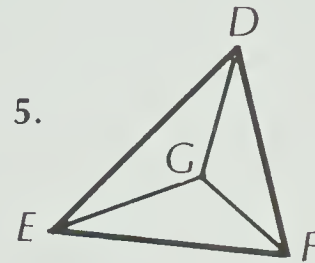
# Pretest

# Unit 10

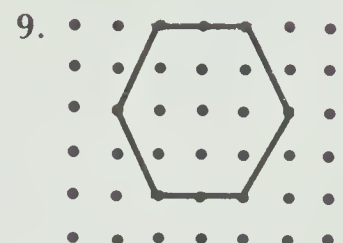
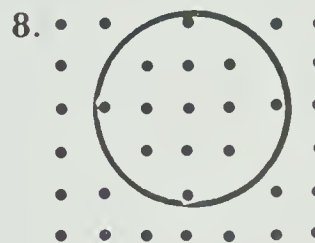
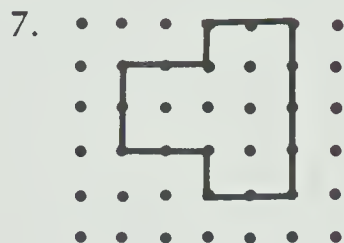
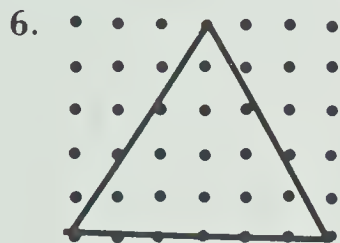
Draw an example of each.

1. point *A*
2. line segment *PQ*
3. ray *XY*

Name all the segments in each figure.



Draw a line of symmetry.

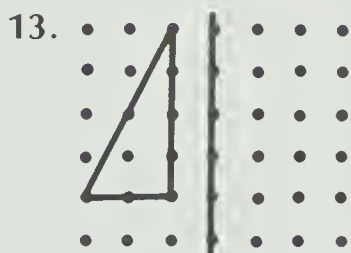


10. Draw a pentagon.
11. Draw a hexagon.

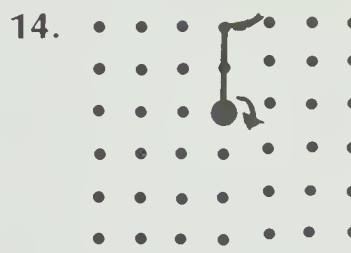
Draw the image.



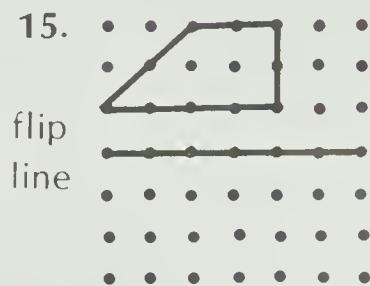
Slide: right 2, down 3



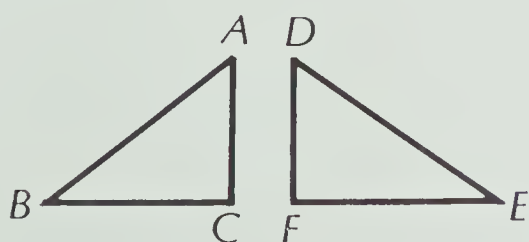
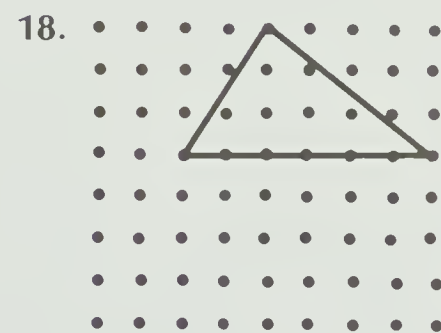
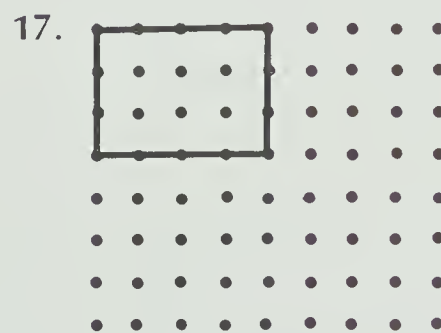
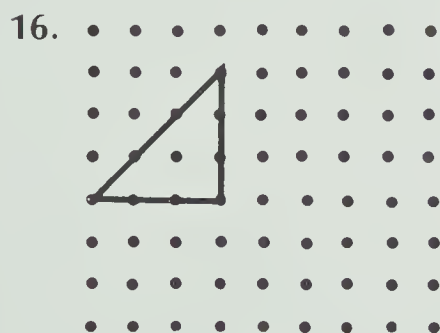
flip line



$\frac{1}{2}$  turn



Draw a congruent figure.



Name the matching part.

19. *A* and \_\_\_\_\_
20. *B* and \_\_\_\_\_
21. *BC* and \_\_\_\_\_



## Extra Practice

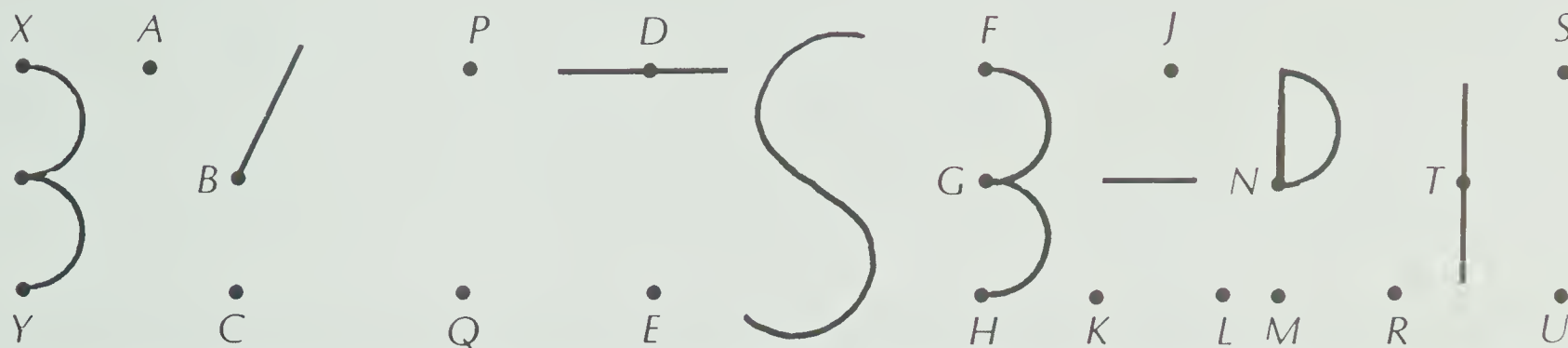
## Worksheet G1

Pages 218-219

How do you recognize a dogwood tree?

Draw these segments to find the answer.

AB DE FG MN ST PQ JK NR BC  
XY JL TU GH



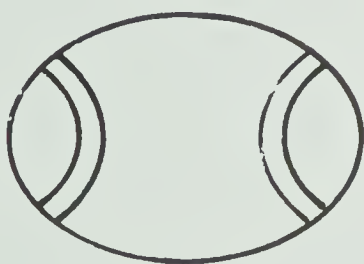
## Extra Practice

## Worksheet G2

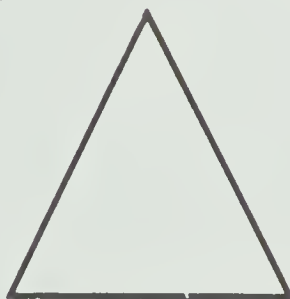
Pages 220-221

Draw all the lines of symmetry.

1.



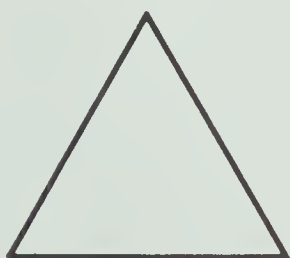
2.



3.



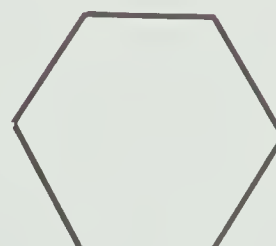
4.



5.



6.





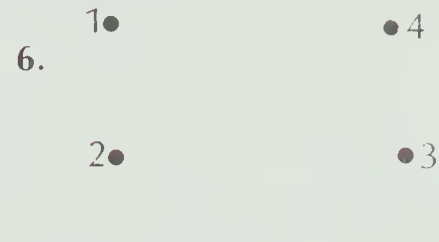
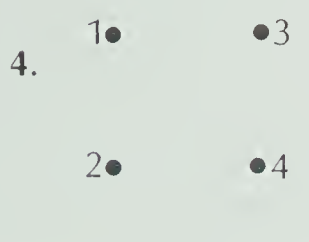
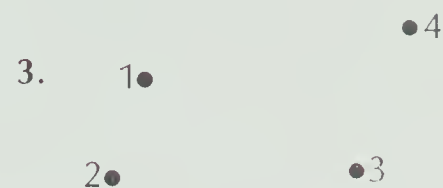
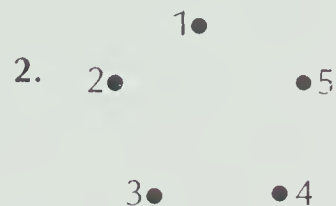
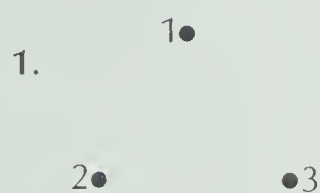


## Extra Practice

## Worksheet G3

Pages 222-223

Join the dots and name each polygon.

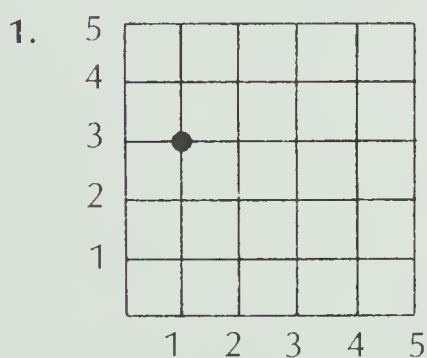


## Extra Practice

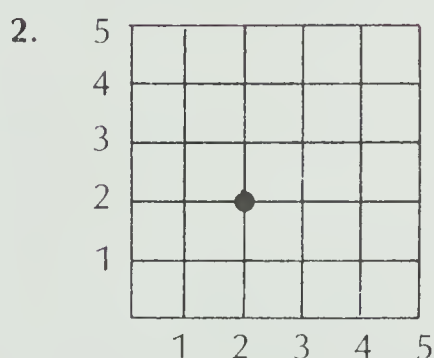
## Worksheet G4

Pages 224-225

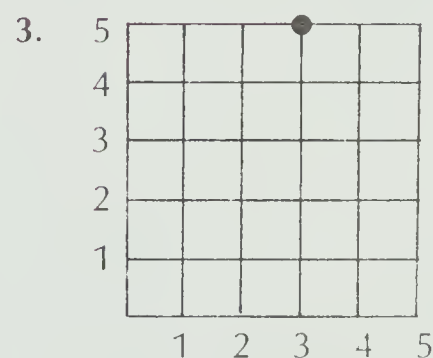
Draw the image after each slide.



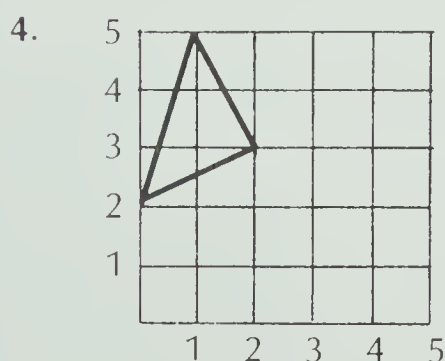
right 2, down 2



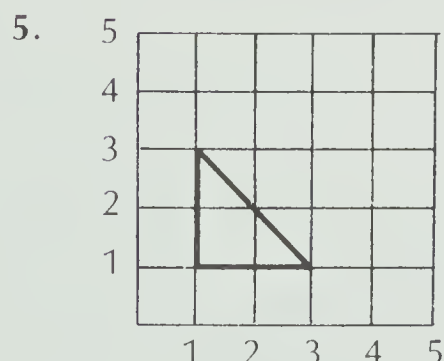
left 1, up 3



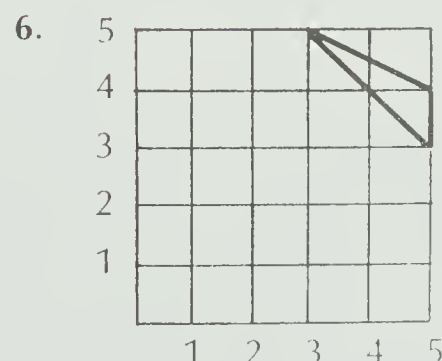
left 2, down 4



right 3, down 1



right 1, up 2



left 3, down 2

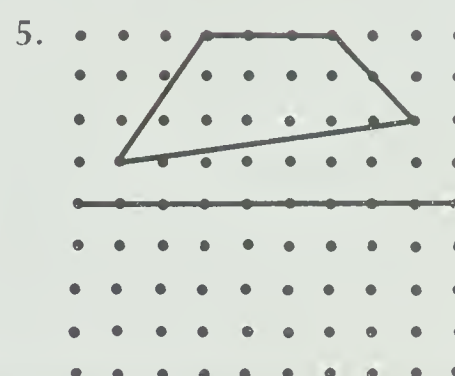
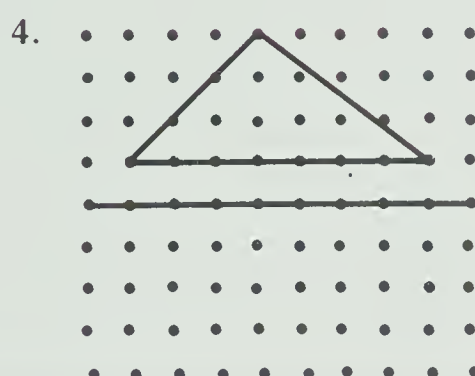
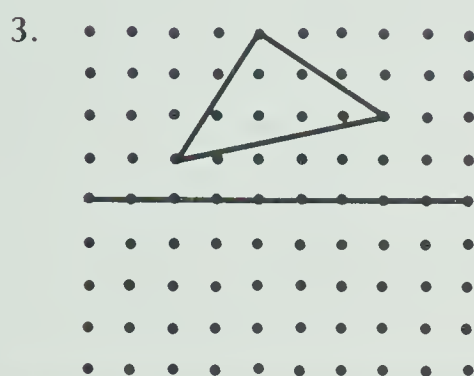
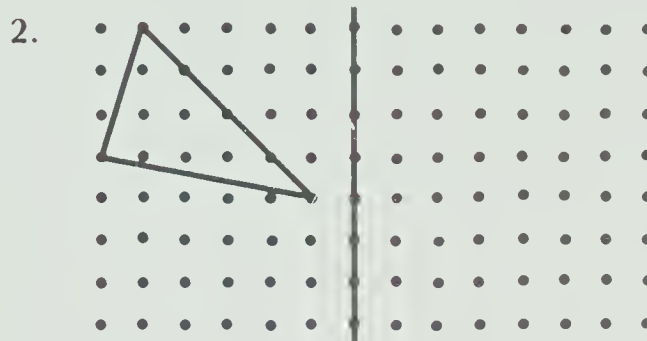
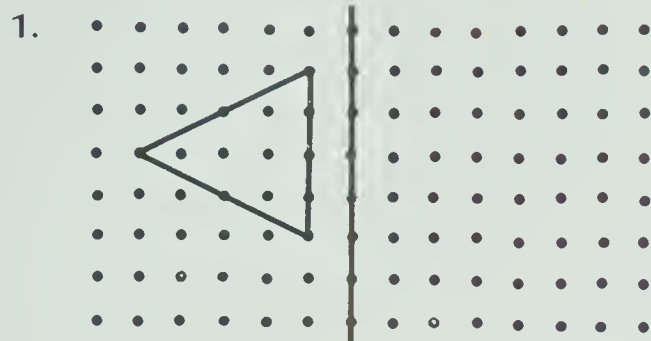


## Extra Practice

## Worksheet G5

Pages 226-227

Draw the flip image.

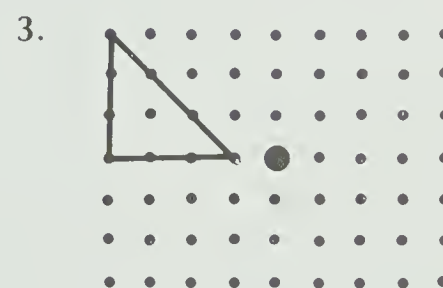
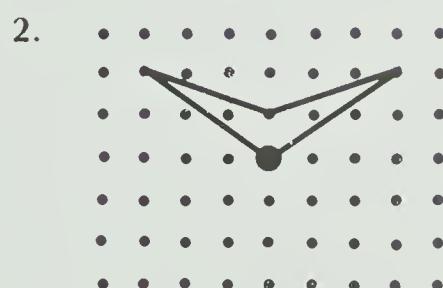
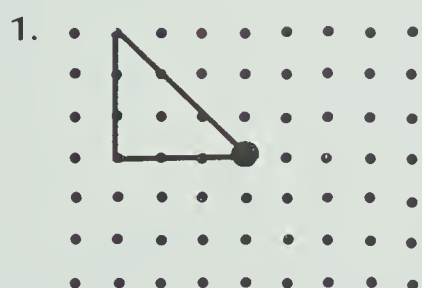


## Extra Practice

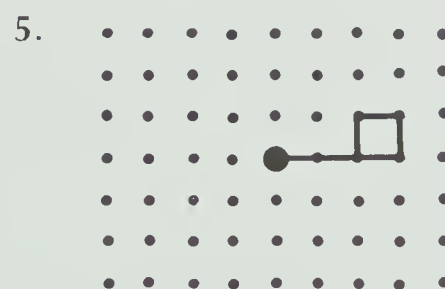
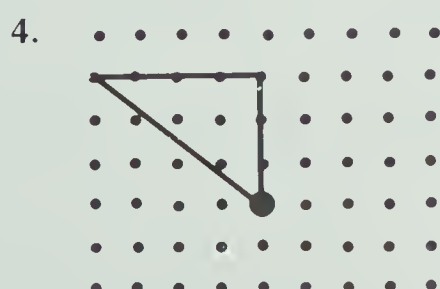
## Worksheet G6

Pages 228-229

Draw the image after a  $\frac{1}{2}$  turn clockwise.



Draw the image after a  $\frac{1}{4}$  turn clockwise.



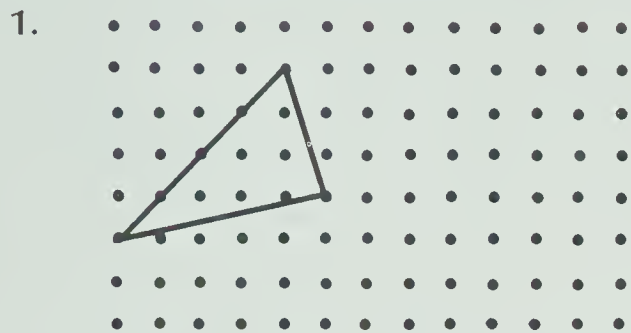


## Extra Practice

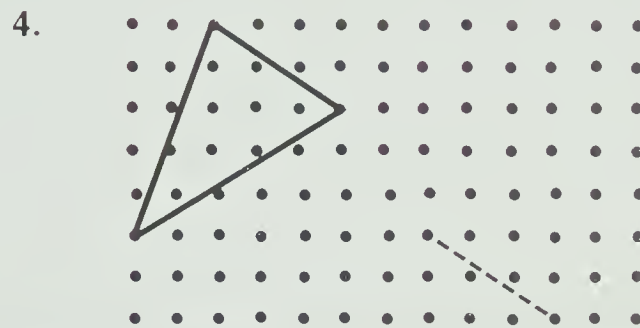
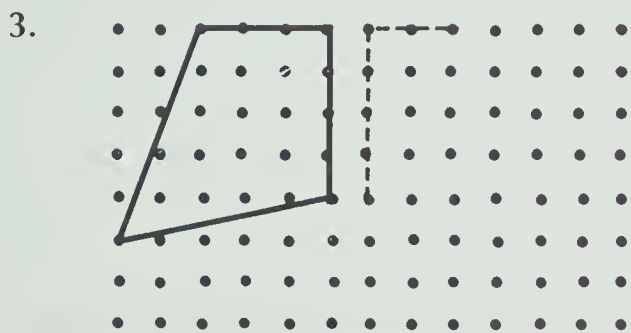
## Worksheet G7

Pages 230-231

Draw a congruent figure.



Complete a congruent figure.

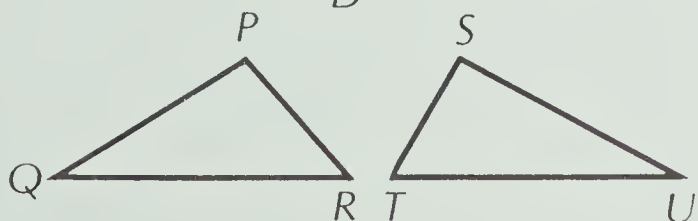
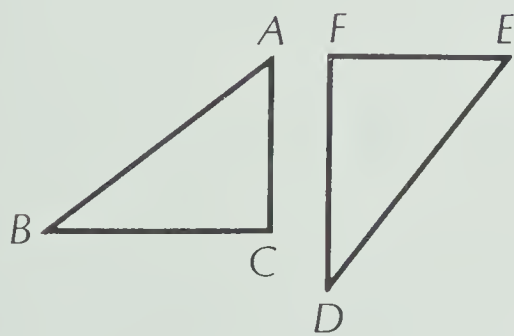


## Extra Practice

## Worksheet G8

Pages 232-233

For each pair of congruent triangles, name the matching parts.



1.  $A$  and \_\_\_\_\_

2.  $B$  and \_\_\_\_\_

3.  $C$  and \_\_\_\_\_

4.  $AB$  and \_\_\_\_\_

5.  $BC$  and \_\_\_\_\_

6.  $AC$  and \_\_\_\_\_

7.  $P$  and \_\_\_\_\_

8. \_\_\_\_\_ and  $T$

9. \_\_\_\_\_ and  $U$

10.  $PQ$  and \_\_\_\_\_

11. \_\_\_\_\_ and  $ST$

12. \_\_\_\_\_ and  $TU$



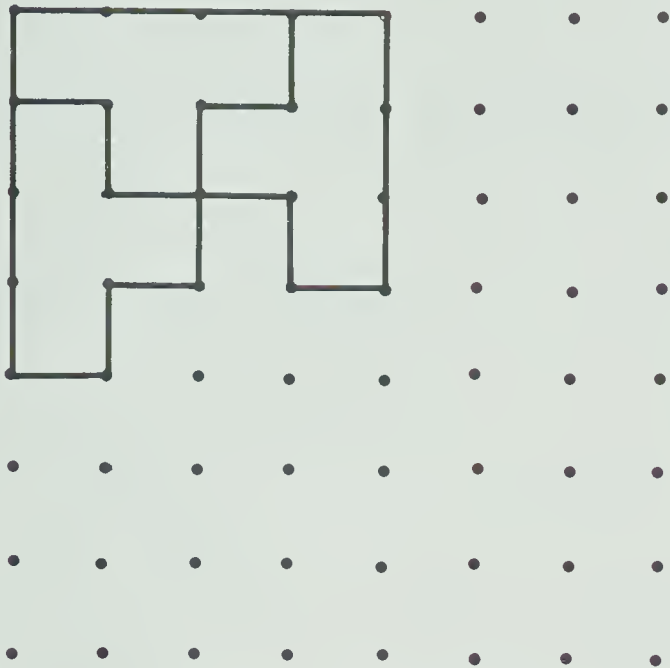
## Extra Practice

## Worksheet G9

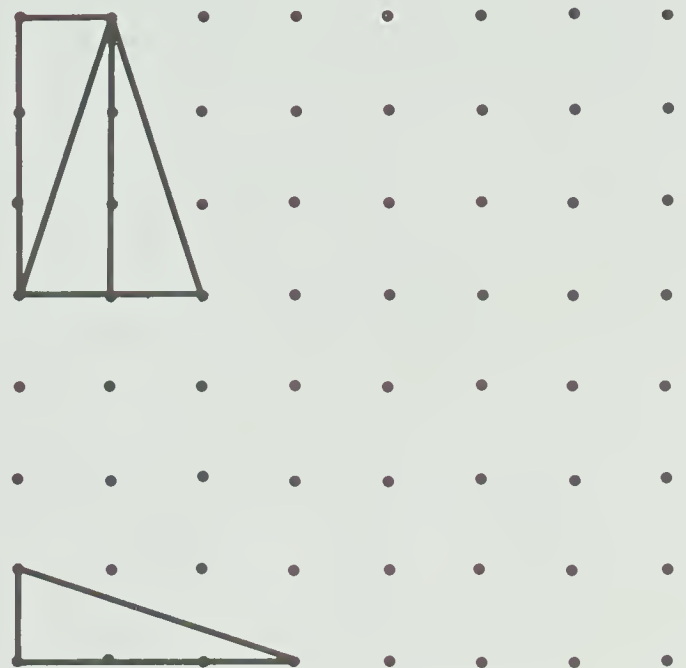
Pages 234-235

Continue each pattern to fill the grid.

1.



2.

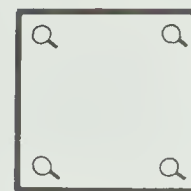


## Extra Practice

# Worksheet PS9

Pages 236-237

1. Pictures are put up with a tack in each corner.  
What is the smallest number of tacks  
that can be used to put up 9  
pictures so that they can all be seen?
2. How many angles are formed by  
5 rays with the same endpoint?
3. A lakefront lot is rectangular and fenced on 3 sides.  
There are 60 m of lake frontage.  
140 m of fencing was used.  
What is the area of the lot?







# Post-test

## Unit 10

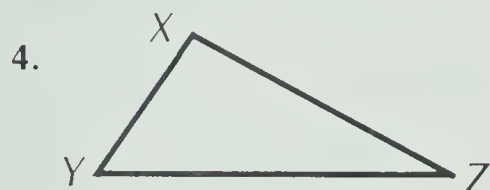
Draw an example of each.

1. line segment  $AB$

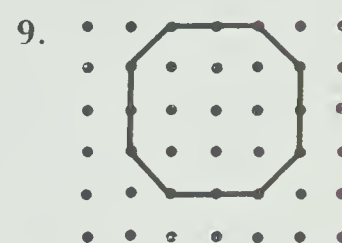
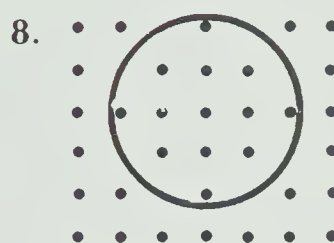
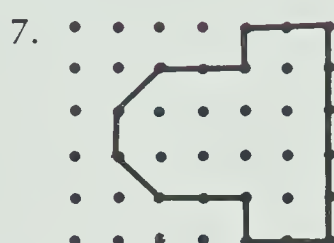
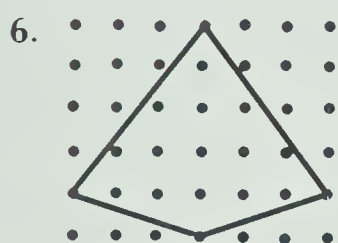
2. ray  $PQ$

3. vertex  $A$  of a triangle

Name all the segments in each figure.



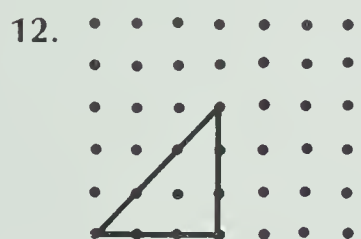
Draw a line of symmetry.



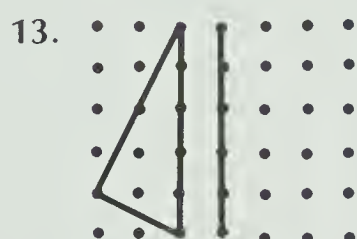
10. Draw a pentagon.

11. Draw a hexagon.

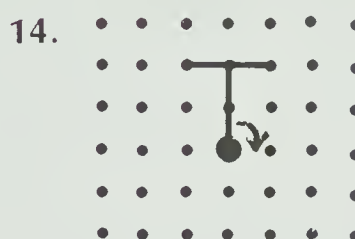
Draw the image.



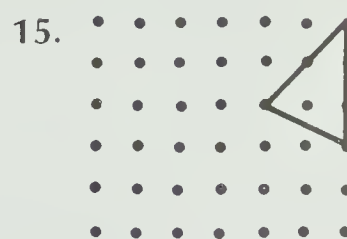
Slide: right 3, up 1



flip  
line

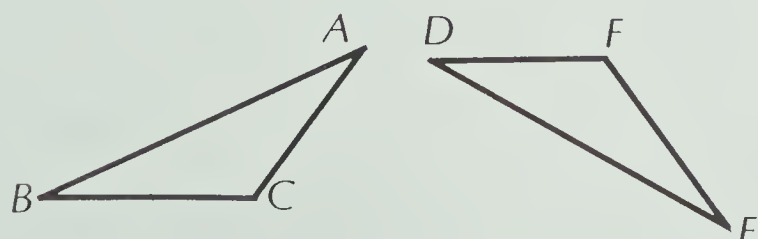
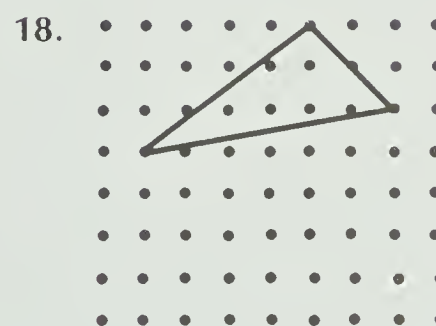
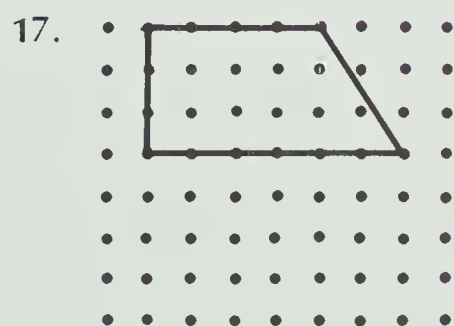
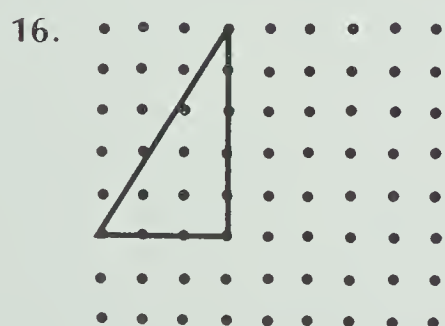


$\frac{3}{4}$  turn



Slide: left 2, down 1

Draw a congruent figure.



Name the matching part.

19.  $A$  and \_\_\_\_\_

20.  $F$  and \_\_\_\_\_

21.  $BC$  and \_\_\_\_\_



**Pretest****Unit 11**

Write as a decimal.

1.  $\frac{42}{1000}$

2.  $\frac{945}{1000}$

3.  $\frac{8}{1000}$

4.  $\frac{19}{1000}$

5.  $\frac{6738}{1000}$

Round each decimal to the nearest hundredth.

6. 0.274

7. 0.481

8. 26.488

9. 264.906

10. 9.645

Write as a decimal.

11. 4 tenths + 8 hundredths + 11 thousandths

12. 1 ten + 14 ones + 16 tenths + 4 hundredths

13. 8 ones + 2 tenths + 19 hundredths + 32 thousandths

Compute.

14. 
$$\begin{array}{r} 38.16 \\ + 9.778 \\ \hline \end{array}$$

15. 
$$\begin{array}{r} 25.664 \\ + 98.75 \\ \hline \end{array}$$

16. 
$$\begin{array}{r} 4.726 \\ - 1.89 \\ \hline \end{array}$$

17. 
$$\begin{array}{r} 3.2 \\ - 2.195 \\ \hline \end{array}$$

18. 
$$\begin{array}{r} 0.472 \\ \times 8 \\ \hline \end{array}$$

19. 
$$\begin{array}{r} 0.084 \\ \times 7 \\ \hline \end{array}$$

20. 
$$\begin{array}{r} 6.509 \\ \times 15 \\ \hline \end{array}$$

21. 
$$\begin{array}{r} 4.326 \\ \times 21 \\ \hline \end{array}$$

Solve.

22. 8 people per team.  
How many people for 6 teams?

23. 2 boxes cost \$1.45.  
What do 8 boxes cost?

24. A car travels at 90 km/h.  
How far will it go in 3 h?

Write as a percent.

25. 0.15

26. 0.95

27. 0.02

28. 1.00

29. 1.55

Write each percent as a fraction with a denominator of 100.

30. 2%

31. 48%

32. 100%

33. 85%

34. 112%

Solve.

35. 25% of 72 = \_\_\_\_\_

36. 40% of 75 = \_\_\_\_\_

37. 30% of 400 = \_\_\_\_\_



**Extra Practice****Worksheet N19**

Pages 242-243

Complete each statement.

- |                   |                    |                       |
|-------------------|--------------------|-----------------------|
| 1. 1 m = ____ km  | 2. 49 m = ____ km  | 3. ____ m = 0.148 km  |
| 4. 1 g = ____ kg  | 5. 255 g = ____ kg | 6. ____ g = 0.005 kg  |
| 7. 1 mm = ____ m  | 8. 14 mm = ____ m  | 9. ____ mm = 0.038 km |
| 10. 1 mL = ____ L | 11. 7 mL = ____ L  | 12. ____ mL = 0.056 L |

Solve.

13. The smallest known monkey is the rare feather-tailed tree shrew of Malaysia. An adult shrew has a mass of 35 g to 50 g. What is the shrew's approximate mass in kilograms?
14. The highest waterfall in the world is the Salto Angel Falls in Venezuela. It has a total drop of 979 m. How many kilometres is the drop?
15. The smallest known monkey is the Pygmy marmoset of South America. Half of its length of about 304 mm is tail. How long is the Pygmy marmoset in metres?

**Extra Practice****Worksheet N20**

Pages 244-245

Match.

- |                     |                                  |
|---------------------|----------------------------------|
| 1. 12 thousandths ● | ● 2 hundredths + 14 thousandths  |
| 2. 7 ones ●         | ● 4 hundredths + 10 thousandths  |
| 3. 0.4 ●            | ● 3 tenths + 4 hundredths        |
| 4. 14 tenths ●      | ● 60 hundredths + 37 thousandths |
| 5. 28 thousandths ● | ● 6 ones + 10 tenths             |
| 6. 0.637 ●          | ● 9 thousand thousandths         |
| 7. 34 thousandths ● | ● 2 tenths + 20 hundredths       |
| 8. 0.050 ●          | ● 1 one + 4 tenths               |
| 9. 9 ones ●         | ● 1 hundredth + 2 thousandths    |
| 10. 0.34 ●          | ● 2 hundredths + 8 thousandths   |



Extra Practice

Worksheet A44  
Pages 246-247

Add or subtract.

1. 5.7 + 6.348

2. 9.2 − 4.186

3. 84 − 0.47
4. 285.67 + 1478.267

5. 7.2 + 89 + 9.36

6. 900 − 1.32
7. 92 + 41.36 + 127.117

8. 567.9 − 429.97

9. 1147.5 + 965.263
10. 265 − 13.487

11. 27.6 + 95 + 62.384

12. 16.78 − 9.517

Extra Practice

Worksheet A45  
Pages 248-249

Continue counting.

1. 0.014, 0.028, 0.042, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

2. 0.025, 0.050, 0.075, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Write the multiplication.

3.

\_\_\_\_\_ m

×

\_\_\_\_\_ m

4.

\_\_\_\_\_ m

×

\_\_\_\_\_ m

Multiply.

5. 4.175 × 8

6. 0.213 × 24

7. 8.647 × 38





### Extra Practice

### Worksheet A46

Pages 250-251

1. Match.

A

- 15 min per day ●
- 10 min per hour ●
- 35 min per week ●
- 5 goals in 2 games ●
- 8 goals in 4 games ●
- 3 goals in 1 game ●

B

- 2 goals per game
- 105 min per week
- 5 min per day
- 9 goals in 3 games
- 240 min per day
- 15 goals in 6 games

2. Solve.

- a. Shaun delivers 64 newspapers per day. How many papers does he deliver in a week?
- b. The average human heart beats about 72 times per minute. How many times will a heart beat in an hour?

### Extra Practice

### Worksheet A47

Pages 252-253

1. Match.

A

- 3 for \$0.69 ●
- 1 for \$0.32 ●
- 5 for \$1.00 ●
- 1 for \$1.25 ●
- 1 for \$0.25 ●
- 4 for \$0.97 ●

B

- 6 for \$7.50
- 1 for \$0.20
- 5 for \$1.25
- 9 for \$2.07
- 32 for \$7.76
- 6 for \$1.92

Complete the table.

2.	Number of people	1	2	5	8	10
	Total cost	\$0.75				

3.	Number of cans	3	6	12	21	30
	Total cost		\$2.50			



Extra Practice

Worksheet A48

Pages 254-255

Complete the table.

	Distance	Time	Speed
1.	100 km	2 h	
2.		5 h	90 km/h
3.	60 km		20 km/h
4.		10 h	50 km/h
5.	400 m	10 s	
6.	1500 m		3 m/s

Solve.

7. A runner ran 100 m in 10 s. What was the runner's speed in metres per second?
8. A swimmer averaged 2 m/s for 50 s. How far did the swimmer go?
9. A car drove 270 km at a speed of 90 km/h. How long did it take?

Extra Practice

Worksheet N21

Pages 256-257

Shade each part of a whole.  
Write each as a fraction, decimal, and percent.

1.

65

100

fraction

decimal

percent

2.

fraction

0.27

decimal

percent

3.

9

100

fraction

decimal

percent

4.

fraction

decimal

30%

percent

5.

fraction

0.08

decimal

percent

6.

fraction

decimal

75%

percent



Extra Practice

Worksheet A49

Pages 258-259

What is the amount of discount for each?

40% DISCOUNT			
Skis \$250	Bicycle \$115	Tennis Racquet \$65	Canoe \$850
Ski Boots \$160	Tent \$560	Tennis Balls \$6	Life Jacket \$55

Extra Practice

Worksheet PS10

Pages 260-261

Solve.

1. The speedometer on Harry’s rental car showed 23 456 km when he left the lot and 23 965 km when he returned. If he paid a flat rate of 25.6¢/km, what did the rental car cost?
2. Sandy bought a sports car listed at \$9870 at a discount of 10%. How much did she pay for the car?
3. Sydney bought a \$300 camera. He paid 7% sales tax on his purchase. How much did he pay altogether?
4. Four partners bought a sailboat for \$32 500 and later sold it for \$34 000. How much profit did each partner make?



**Post-test****Unit 11**

Write as a decimal.

1.  $\frac{236}{1000}$

2.  $\frac{29}{1000}$

3.  $\frac{7}{1000}$

4.  $\frac{85}{1000}$

5.  $\frac{9150}{1000}$

Round each decimal to the nearest hundredth.

6. 0.317

7. 0.925

8. 56.413

9. 896.776

10. 8.465

Write as a decimal.

11. 7 tenths + 8 hundredths + 19 thousandths

12. 4 tens + 16 ones + 11 tenths + 35 hundredths

13. 4 ones + 18 tenths + 22 hundredths + 13 thousandths

Compute.

14. 
$$\begin{array}{r} 25.42 \\ + 8.965 \\ \hline \end{array}$$

15. 
$$\begin{array}{r} 49.782 \\ + 36.67 \\ \hline \end{array}$$

16. 
$$\begin{array}{r} 5.735 \\ - 2.18 \\ \hline \end{array}$$

17. 
$$\begin{array}{r} 4.7 \\ - 2\ 614 \\ \hline \end{array}$$

18. 
$$\begin{array}{r} 0.264 \\ \times 3 \\ \hline \end{array}$$

19. 
$$\begin{array}{r} 0.057 \\ \times 9 \\ \hline \end{array}$$

20. 
$$\begin{array}{r} 7.608 \\ \times 12 \\ \hline \end{array}$$

21. 
$$\begin{array}{r} 3.417 \\ \times 25 \\ \hline \end{array}$$

Solve.

22. 8 cans per box.  
How many cans in 12 boxes?

23. 5 roses cost \$2.99.  
What will 30 roses cost?

24. A car travels at 85 km/h.  
How long will it take to go 340 km?

Write as a percent.

25. 0.35

26. 0.72

27. 1.00

28. 0.04

29. 1.38

Write each percent as a fraction with a denominator of 100.

30. 43%

31. 9%

32. 100%

33. 76%

34. 240%

Solve.

35. 75% of 16 = \_\_\_\_\_

36. 20% of 45 = \_\_\_\_\_

37. 15% of 180 = \_\_\_\_\_





**Pretest****Unit 12**

Find the average. Round to the nearest whole number.

1. 76¢, 95¢, 82¢, 67¢, 88¢

2. 350 km, 395 km, 310 km, 348 km

Add or subtract.

3.  $\$4720.75 + \$38.50 =$  \_\_\_\_\_

4.  $\$1050 - \$495.27 =$  \_\_\_\_\_

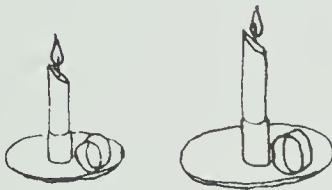
Count the change.

5. for \$6.28 from \$7.00

6. for \$15.62 from \$20.00

Are the two figures similar?

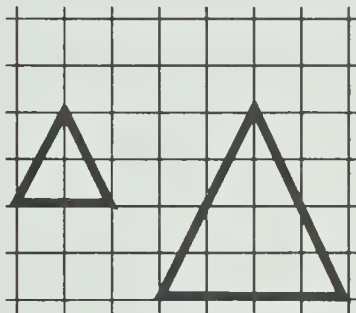
7.



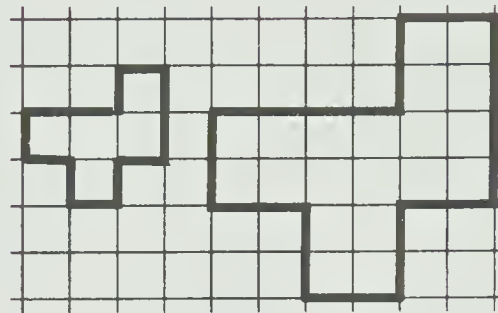
8.



9.



10.



11. On 1 cm grid paper, make an enlargement of the figure so that its dimensions are twice as large.



Add or subtract.

$$\begin{array}{r} 12 \text{ h } 45 \text{ min} \\ + 2 \text{ h } 50 \text{ min} \\ \hline \end{array}$$

$$\begin{array}{r} 09:15 \\ - 06:20 \\ \hline \end{array}$$

$$\begin{array}{r} 10:45 \\ - 04:15 \\ \hline \end{array}$$

Solve.

15. If 3 m of cord cost \$6.95, what do 9 m cost?

16. If it is 03:00 in Montreal, what time is it in Calgary?



**Extra Practice****Worksheet A50**

Pages 266-267

Find the average price.  
Round to the nearest cent.

Item	Sam's Supermarket	Gebauer's Groceries	Schmidt's Delicatessen	Average Price
2 L milk	\$2.49	\$2.69	\$2.85	
Apples	\$0.69/kg	\$0.65/kg	\$0.88/kg	
Sausage	\$5.25/kg	\$5.26/kg	\$4.95/kg	
Detergent	\$1.19	\$1.27	\$1.35	
Yogurt	\$1.55	\$1.58	\$1.49	
Chocolate	\$1.15	\$1.35	\$1.39	

**Extra Practice****Worksheet M15**

Pages 268-269

Find the balance after each cheque and deposit is entered.

			Balance
Date	Amount of Cheque	Amount of Deposit	\$16.45
June 2	\$ 9.40		
June 5		\$28.50	
June 12	\$15.25		
June 15	\$20.09		
June 19		\$95.00	
June 24	\$62.45		
June 25		\$54.28	
June 29	\$50.25		



**Extra Practice****Worksheet M16**

Pages 270-271

Count the change for this amount from \$5.00.

1. \$4.74 \_\_\_\_\_      2. \$2.98 \_\_\_\_\_      3. \$0.79 \_\_\_\_\_

Count the change for this amount from \$20.00.

4. \$15.97 \_\_\_\_\_      5. \$9.90 \_\_\_\_\_      6. \$3.85 \_\_\_\_\_

Subtract.

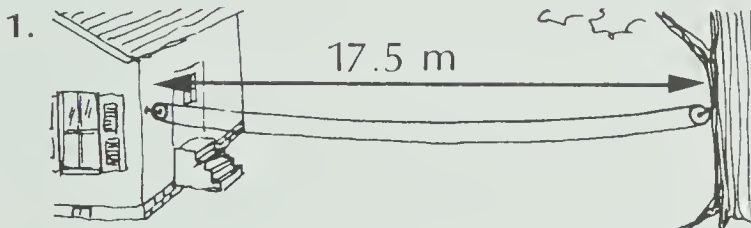
7.  $\begin{array}{r} \$1.00 \\ - 0.14 \\ \hline \end{array}$       8.  $\begin{array}{r} \$5.00 \\ - 4.05 \\ \hline \end{array}$       9.  $\begin{array}{r} \$10.00 \\ - 4.91 \\ \hline \end{array}$       10.  $\begin{array}{r} \$20.00 \\ - 14.62 \\ \hline \end{array}$

11. Dorothy gave the cashier \$5.00 to pay for a ferry boat ticket which costs \$2.75. How much change did she receive?

**Extra Practice****Worksheet PS11**

Pages 272-273

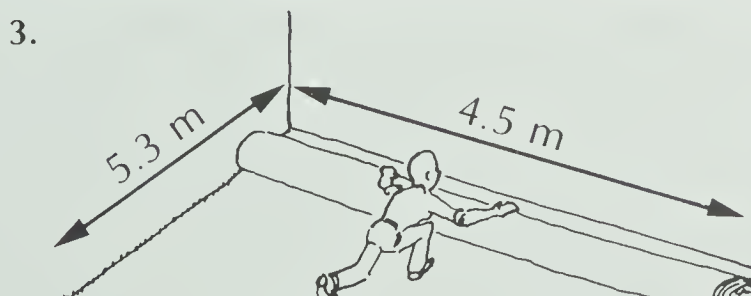
Estimate.



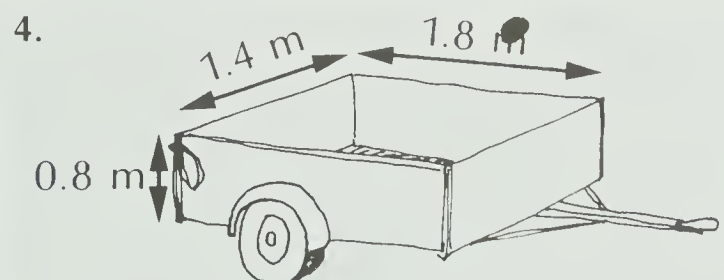
About how much line is needed for this 2-pulley clothes line?



One litre of paint covers about  $12.5 \text{ m}^2$  of surface. Will that be about enough for this wall?



About how many square metres of carpet are needed to completely cover this floor?



Would  $3 \text{ m}^3$  of soil fit into this trailer?

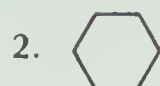


## Extra Practice

## Worksheet G10

Pages 274-275

Match the number and the letter of the two figures that are similar.



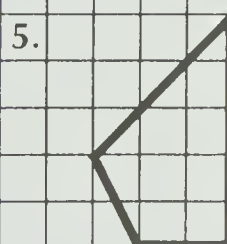
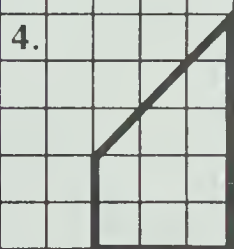
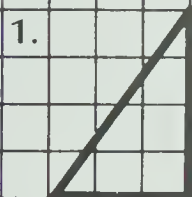
9. Name objects in the room that are similar.

## Extra Practice

## Worksheet G11

Pages 276-277

Draw another figure similar to each and twice as large.







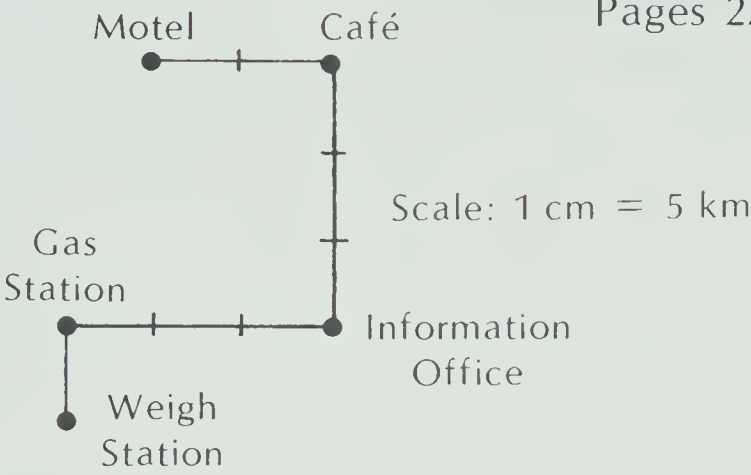
Extra Practice

Worksheet G12

Pages 278-279

On the map, 1 cm = 5 km. Find the distance along the truck route:

- 1. from the weigh station to the gas station.
- 2. from the gas station to the Information Office.
- 3. from the gas station to the motel.



Complete.

	Scale	Length on Drawing	Real Length
4.	1 cm = 2 km	2 cm	
5.	1 cm = 3 km	5 cm	
6.	1 cm = 5 km		15 km

Extra Practice

Worksheet M17

Pages 280-281

Solve.

- 1. What time does the 10:30 train arrive?
- 2. How long does it take the 07:00 train to make the trip?
- 3. Suppose you leave on the last train in the morning. What time does your train arrive?
- 4. Suppose you leave on the first train in the afternoon. What time does your train arrive?

Train Schedule	
Lv.	Arr.
07:00	10:00
09:00	12:00
10:30	13:30
15:00	19:00
22:00	01:30

Subtract.

5. 09:00  
— 04:00  
\_\_\_\_\_
6. 13:30  
— 04:00  
\_\_\_\_\_
7. 15:30  
— 04:20  
\_\_\_\_\_
8. 12:30  
— 04:45  
\_\_\_\_\_

Add 4 h 15 min to each time.

9. 06:00
10. 10:50
11. 18:30
12. 12:45



**Extra Practice****Worksheet M18**

Pages 282-283

When it is 15:00 in Vancouver, what time is it in

1. Edmonton? \_\_\_\_\_
2. Halifax? \_\_\_\_\_
3. Churchill? \_\_\_\_\_
4. Ottawa? \_\_\_\_\_
5. Regina? \_\_\_\_\_
6. Whitehorse? \_\_\_\_\_

Complete.

7. Mountain Time is \_\_\_\_ h ahead of Atlantic Time.
8. Pacific Time is \_\_\_\_ h ahead of Atlantic Time.
9. Central Time is \_\_\_\_ h ahead of Atlantic Time.
10. Eastern Time is \_\_\_\_ h ahead of Atlantic Time.

**Extra Practice****Worksheet PS12**

Pages 284-285

1. The Burns family drove to their cottage. They started at 8:15 a.m. and arrived at noon. How long did the trip take?
2. Jack earned \$240 in June, \$325 in July, and \$295 in August. On average, how much did he earn per month?
3. When it is 13:40 in Winnipeg, what time is it in Vancouver?
4. Mia received \$20 for her birthday. She spent \$5.25 on a record and \$12.95 on a T-shirt. How much money did she have left?



**Post-test****Unit 12**

Find the average. Round to the nearest whole number.

1. 18¢, 9¢, 25¢, 14¢, 21¢

2. 267 g, 280 g, 292 g, 255 g

Add or subtract.

3.  $\$2734.29 + \$87.48 =$  \_\_\_\_\_

4.  $\$5000.00 - \$987.24 =$  \_\_\_\_\_

Count the change.

5. for \$8.29 from \$10.00

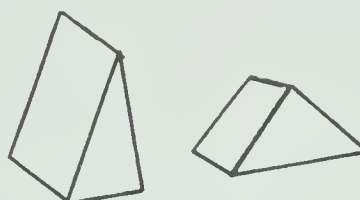
6. for \$17.58 from \$20.00

Are the two figures similar?

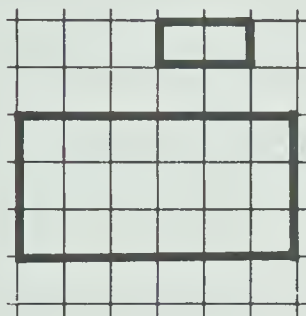
7.



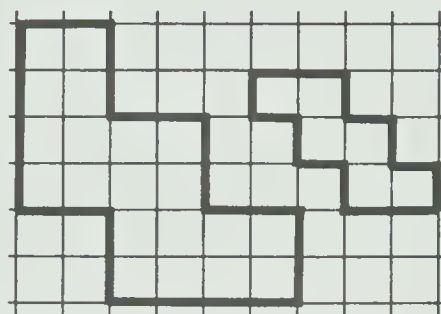
8.



9.



10.



11. On 1 cm grid paper, make an enlargement of the figure so that its dimensions are twice as large.



Add or subtract.

12. 
$$\begin{array}{r} 10 \text{ h } 35 \text{ min} \\ + 7 \text{ h } 15 \text{ min} \\ \hline \end{array}$$

13. 
$$\begin{array}{r} 6 \text{ h } 15 \text{ min} \\ - 20 \text{ min} \\ \hline \end{array}$$

14. 
$$\begin{array}{r} 11:15 \\ - 02:30 \\ \hline \end{array}$$

Solve.

15. Mr. Bailey earned \$850 in five days. How much is that per day?

16. If it is 07:00 in Edmonton, what time is it in Toronto?



**Pretest****Unit 13**

Write the next three multiples.

1. 7, 14, 21, \_\_, \_\_, \_\_      2. 18, 21, 24, \_\_, \_\_, \_\_      3. 36, 45, 54, \_\_, \_\_, \_\_

List the multiples of each. Find the LCM.

4. 10 and 12      5. 6 and 9      6. 3 and 8
7. Write the quotients which have no remainder.

Number	Divisible by 2	Divisible by 5	Divisible by 9	Divisible by 10
7425				
2160				
6314				

List the factors.

8. 28 \_\_\_\_\_      9. 29 \_\_\_\_\_      10. 54 \_\_\_\_\_
11. What are the prime numbers between 4 and 15? \_\_\_\_\_
12. What are the composite numbers between 7 and 17? \_\_\_\_\_

List the factors of each. Find the GCF.

13. 12 and 20      14. 18 and 24      15. 27 and 28

Evaluate.

16.  $54 \div 6 + 3 \times 9$       17.  $38 \times (6 - 5)$       18.  $29 - 5 \div 5$

Calculate mentally. Write the answer.

19.  $18 + 53 + 82$       20.  $20 \times (5 \times 87)$       21.  $7 \times 64$

Write the number in Roman numerals.

22. 87      23. 645      24. 2532

Solve.

25. Tanya is making party favours with 32 chocolate kisses and 48 peppermints. What is the greatest number of party favours she can make so that each has the same number of chocolate kisses and the same number of peppermints?





**Extra Practice****Worksheet A51**

Pages 290-291

Complete.

1. 6, 12, 18, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
2. 10, 20, 30, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
3. 45, 50, 55, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
4. 4, 8, 12, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
5. 12, 24, 36, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
6. 500, 600, 700, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
7. 45, 54, 63, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 99
8. 49, 56, 63, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 91
9. 18, 24, 30, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 54
10. 11, 22, 33, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
11. 63, 60, 57, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 45
12. 80, 72, 64, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 32
13. 15, 30, 45, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
14. 100, 96, 92, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 76

**Extra Practice****Worksheet A52**

Pages 292-293

Write the multiples and circle the LCM.

1. 4, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
6, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
2. 8, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
10, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
3. 8, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
9, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_
4. 2, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
3, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_  
4, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Find the LCM.

5. 4 and 5: \_\_\_\_\_
6. 4 and 7: \_\_\_\_\_
7. 6 and 8: \_\_\_\_\_



**Extra Practice****Worksheet A53**

Pages 294-295

Test each number and state whether it is divisible by 2, 5, 9, or 10.

(Some questions have more than one answer.)

1. 55: \_\_\_\_\_

2. 63: \_\_\_\_\_

3. 132: \_\_\_\_\_

4. 80: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

5. 180: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

6. 754: \_\_\_\_\_

7. 145: \_\_\_\_\_

8. 866: \_\_\_\_\_

9. 766: \_\_\_\_\_

10. 666: \_\_\_\_\_, \_\_\_\_\_

11. 686: \_\_\_\_\_

12. 882: \_\_\_\_\_, \_\_\_\_\_

13. 315: \_\_\_\_\_, \_\_\_\_\_

14. 1682: \_\_\_\_\_

15. 1683: \_\_\_\_\_

**Extra Practice****Worksheet A54**

Pages 296-297

Complete.

1.  $10 = 2 \times \underline{\hspace{1cm}}$

2.  $42 = 7 \times \underline{\hspace{1cm}}$

3.  $104 = 8 \times \underline{\hspace{1cm}}$

4.  $25 = 5 \times \underline{\hspace{1cm}}$

5.  $225 = 25 \times \underline{\hspace{1cm}}$

6.  $100 = 2 \times \underline{\hspace{1cm}}$

7.  $39 = 13 \times \underline{\hspace{1cm}}$

8.  $144 = 12 \times \underline{\hspace{1cm}}$

9.  $588 = 196 \times \underline{\hspace{1cm}}$

10.  $256 = 16 \times \underline{\hspace{1cm}}$

11.  $300 = 75 \times \underline{\hspace{1cm}}$

12.  $729 = 81 \times \underline{\hspace{1cm}}$

13.  $288 = 2 \times \underline{\hspace{1cm}} = 4 \times \underline{\hspace{1cm}} = 3 \times \underline{\hspace{1cm}}$

$= 12 \times \underline{\hspace{1cm}} = 24 \times \underline{\hspace{1cm}} = 16 \times \underline{\hspace{1cm}}$

$= 18 \times \underline{\hspace{1cm}} = 36 \times \underline{\hspace{1cm}} = 72 \times \underline{\hspace{1cm}}$



## Extra Practice

## Worksheet A55

Pages 298-299

Identify each number as prime or composite.

1. 9: \_\_\_\_\_
2. 91: \_\_\_\_\_
3. 403: \_\_\_\_\_
4. 3467: \_\_\_\_\_
5. 5: \_\_\_\_\_
6. 53: \_\_\_\_\_
7. 629: \_\_\_\_\_
8. 4001: \_\_\_\_\_
9. 209: \_\_\_\_\_
10. List 3 numbers that have exactly 3 factors.

Number	Factors
_____	_____, _____, _____
_____	_____, _____, _____
_____	_____, _____, _____

## Extra Practice

## Worksheet A56

Pages 300-301

Find the GCF.

1. 36 and 32: \_\_\_\_\_
2. 84 and 63: \_\_\_\_\_
3. 8 and 12: \_\_\_\_\_
4. 24 and 30: \_\_\_\_\_
5. 50 and 75: \_\_\_\_\_
6. 48 and 72: \_\_\_\_\_
7. 48 and 56: \_\_\_\_\_
8. 64 and 96: \_\_\_\_\_
9. What is the greatest number of identical Halloween bags that can be made from 56 jelly beans and 84 peanuts?



**Extra Practice****Worksheet A57**

Pages 302-303

Calculate.

1.  $567 - 276 + 243 =$  \_\_\_\_\_
  2.  $872 + 503 - 469 =$  \_\_\_\_\_
  3.  $4860 \div 36 \times 15 =$  \_\_\_\_\_
  4.  $568 \times 96 \div 24 =$  \_\_\_\_\_
  5.  $475 + 45 \times 27 =$  \_\_\_\_\_
  6.  $2106 \div 27 + 676 =$  \_\_\_\_\_
  7.  $305 \times (92 - 88) =$  \_\_\_\_\_
  8.  $400 \div (6 + 4) =$  \_\_\_\_\_
  9.  $8 \times (3 + 5) \div 4 =$  \_\_\_\_\_
  10.  $14 - (20 - 13) =$  \_\_\_\_\_
  11.  $6 \times (48 \div 3) - 6 =$  \_\_\_\_\_
  12.  $28 + 46 \times 23 =$  \_\_\_\_\_
  13.  $66 - 25 \div 5 =$  \_\_\_\_\_
  14.  $85 - 5 \times 17 =$  \_\_\_\_\_
- 

**Extra Practice****Worksheet A58**

Pages 304-305

Calculate.

1.  $25 \times 49 \times 12 =$  \_\_\_\_\_
2.  $75 \times 87 \times 16 =$  \_\_\_\_\_
3.  $574 + 837 + 426 =$  \_\_\_\_\_
4.  $936 + 382 + 418 =$  \_\_\_\_\_
5.  $9 \times 75 + 9 \times 25 =$  \_\_\_\_\_
6.  $86 \times 32 + 14 \times 32 =$  \_\_\_\_\_
7.  $50 \times 67 \times 14 =$  \_\_\_\_\_
8.  $132 + 989 - 32 =$  \_\_\_\_\_
9.  $789 + 465 + 535 =$  \_\_\_\_\_
10.  $57 \times 73 + 43 \times 73 =$  \_\_\_\_\_
11.  $6 \times 98 =$  \_\_\_\_\_
12.  $13 \times 51 =$  \_\_\_\_\_
13.  $69 \times 9 =$  \_\_\_\_\_
14.  $57 \times 21 =$  \_\_\_\_\_
15.  $499 \times 3 =$  \_\_\_\_\_
16.  $101 \times 27 =$  \_\_\_\_\_





**Extra Practice****Worksheet N22**

Pages 306-307

Write in standard form.

1. XXIV = \_\_\_\_      2. XLVIII = \_\_\_\_      3. LXXI = \_\_\_\_      4. XCV = \_\_\_\_
5. CCCII = \_\_\_\_      6. CDXCIX = \_\_\_\_      7. DCVII = \_\_\_\_      8. CMXLIV = \_\_\_\_

Put the numerals in order from smallest to largest.

9. XL      XC      XX      LX      II      \_\_\_\_\_
10. CVII      CDIV      CMXV      CCCI      DCIX      \_\_\_\_\_
11. Copy and complete the table.

Standard Form	Expanded Form	Roman Numeral
33		
102		
249		
546		
905		
2378		

**Extra Practice****Worksheet PS13**

Pages 308-309

1. The area of the playground is  $1600 \text{ m}^2$ .  
What are its dimensions?
- a. 160 m by 100 m      b. 32 m by 50 m
- c. 40 cm by 40 cm      d. 80 m by 2 m
2. The corner store sold 36 colouring books to a group of children. If each child bought the same number of books, how many children were there?
- a. 5      b. 20      c. 8      d. 12
3. Gloria's Grocery Store sells cans of apple juice in packages of 6.  
How many cans might be sold in a day?
- a. 80      b. 144      c. 148      d. 602



**Post-test****Unit 13**

Write the next three multiples.

1. 8, 16, 24, \_\_, \_\_, \_\_      2. 24, 30, 36, \_\_, \_\_, \_\_      3. 35, 42, 49, \_\_, \_\_, \_\_

List the multiples of each. Find the LCM.

4. 9 and 12                      5. 6 and 5                      6. 12 and 16
7. Write the quotients which have no remainder.

Number	Divisible by 2	Divisible by 5	Divisible by 9	Divisible by 10
9338				
1161				
4500				

List the factors.

8. 30 \_\_\_\_\_      9. 56 \_\_\_\_\_      10. 47 \_\_\_\_\_
11. What are the prime numbers between 9 and 20? \_\_\_\_\_
12. What are the composite numbers between 11 and 23? \_\_\_\_\_

List the factors of each. Find the GCF.

13. 15 and 24                      14. 30 and 45                      15. 20 and 21

Evaluate.

16.  $26 - (8 + 9)$       17.  $92 + 15 \div 3$       18.  $9 \times 2 + 40 \div 8$

Calculate mentally. Write the answer.

19.  $164 + 47 + 36$       20.  $(27 \times 8) \times 25$       21.  $6 \times 45$

Write the number in Roman numerals.

22. 95                      23. 874                      24. 1561

Solve.

25. The children in the Bovari family are to share equally 24 brownies and 39 chocolate chip cookies. How many Bovari children are there? How many brownies and cookies does each child get?



**Pretest****Unit 14**

Add or subtract.

$$\begin{array}{r} 1. \quad \frac{3}{8} \\ + \frac{2}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad \frac{1}{11} \\ + \frac{7}{11} \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad \frac{4}{25} \\ + \frac{12}{25} \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad \frac{1}{3} \\ + \frac{2}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad \frac{5}{7} \\ + \frac{1}{7} \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad \frac{5}{6} \\ - \frac{4}{6} \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad \frac{14}{15} \\ - \frac{7}{15} \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad \frac{17}{20} \\ - \frac{4}{20} \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad \frac{32}{100} \\ - \frac{17}{100} \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad \frac{3}{4} \\ - \frac{3}{4} \\ \hline \end{array}$$

Write the mixed numeral.

$$11. \quad \frac{3}{2}$$

$$12. \quad \frac{8}{3}$$

$$13. \quad \frac{10}{4}$$

$$14. \quad \frac{15}{7}$$

$$15. \quad \frac{18}{5}$$

Write the fraction.

$$16. \quad 1\frac{1}{4}$$

$$17. \quad 2\frac{1}{3}$$

$$18. \quad 1\frac{5}{8}$$

$$19. \quad 2\frac{5}{6}$$

$$20. \quad 3\frac{7}{8}$$

Add.

$$\begin{array}{r} 21. \quad 4\frac{1}{4} \\ + 3\frac{3}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 22. \quad 6\frac{5}{9} \\ + 2\frac{3}{9} \\ \hline \end{array}$$

$$\begin{array}{r} 23. \quad 8\frac{7}{8} \\ + 2\frac{3}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 24. \quad 7\frac{2}{3} \\ + 5\frac{2}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 25. \quad 5\frac{9}{10} \\ + 6\frac{7}{10} \\ \hline \end{array}$$

Subtract.

$$\begin{array}{r} 26. \quad 8 \\ - 3\frac{7}{9} \\ \hline \end{array}$$

$$\begin{array}{r} 27. \quad 2 \\ - \frac{1}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 28. \quad 5 \\ - \frac{4}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 29. \quad 12 \\ - \frac{3}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 30. \quad 1 \\ - \frac{5}{7} \\ \hline \end{array}$$

$$\begin{array}{r} 31. \quad 5 \\ - 1\frac{3}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 32. \quad 8\frac{2}{10} \\ - \frac{7}{10} \\ \hline \end{array}$$

$$\begin{array}{r} 33. \quad 11\frac{5}{9} \\ - 6\frac{8}{9} \\ \hline \end{array}$$

$$\begin{array}{r} 34. \quad 15\frac{2}{3} \\ - 3\frac{1}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 35. \quad 2\frac{1}{11} \\ - 1\frac{10}{11} \\ \hline \end{array}$$

Solve.

You roll a regular die. What is the probability you will roll:

$$36. \quad \text{a } 3?$$

$$37. \quad \text{a number less than } 5?$$



**Extra Practice****Worksheet A59**

Pages 314-315

Add.

1.  $\frac{1}{6} + \frac{4}{6} = \underline{\hspace{2cm}}$

2.  $\frac{3}{8} + \frac{4}{8} = \underline{\hspace{2cm}}$

3.  $\frac{3}{10} + \frac{4}{10} = \underline{\hspace{2cm}}$

4.  $\frac{2}{5} + \frac{2}{5} = \underline{\hspace{2cm}}$

5.  $\frac{3}{8} + \frac{2}{8} = \underline{\hspace{2cm}}$

6.  $\frac{1}{9} + \frac{4}{9} = \underline{\hspace{2cm}}$

7.  $\frac{5}{8} + \frac{1}{8} = \underline{\hspace{2cm}}$

8.  $\frac{5}{10} + \frac{4}{10} = \underline{\hspace{2cm}}$

9.  $\frac{3}{9} + \frac{4}{9} = \underline{\hspace{2cm}}$

10.  $\frac{1}{10} + \frac{3}{10} = \underline{\hspace{2cm}}$

11.  $\frac{6}{10} + \frac{3}{10} = \underline{\hspace{2cm}}$

12.  $\frac{2}{10} + \frac{7}{10} = \underline{\hspace{2cm}}$

13.  $\frac{5}{10} + \frac{3}{10} = \underline{\hspace{2cm}}$

14.  $\frac{8}{10} + \frac{1}{10} = \underline{\hspace{2cm}}$

15.  $\frac{2}{10} + \frac{3}{10} = \underline{\hspace{2cm}}$

**Extra Practice****Worksheet A60**

Pages 316-317

Subtract.

1.  $\frac{5}{6} - \frac{2}{6} = \underline{\hspace{2cm}}$

2.  $\frac{4}{5} - \frac{1}{5} = \underline{\hspace{2cm}}$

3.  $\frac{4}{7} - \frac{1}{7} = \underline{\hspace{2cm}}$

4.  $\frac{3}{5} - \frac{1}{5} = \underline{\hspace{2cm}}$

5.  $\frac{6}{8} - \frac{3}{8} = \underline{\hspace{2cm}}$

6.  $\frac{7}{10} - \frac{2}{10} = \underline{\hspace{2cm}}$

7.  $\frac{4}{7} - \frac{1}{7} = \underline{\hspace{2cm}}$

8.  $\frac{8}{9} - \frac{5}{9} = \underline{\hspace{2cm}}$

9.  $\frac{6}{8} - \frac{2}{8} = \underline{\hspace{2cm}}$

10.  $\frac{9}{10} - \frac{4}{10} = \underline{\hspace{2cm}}$

11.  $\frac{8}{10} - \frac{6}{10} = \underline{\hspace{2cm}}$

12.  $\frac{6}{10} - \frac{5}{10} = \underline{\hspace{2cm}}$

13.  $\frac{7}{10} - \frac{4}{10} = \underline{\hspace{2cm}}$

14.  $\frac{5}{10} - \frac{2}{10} = \underline{\hspace{2cm}}$

15.  $\frac{9}{10} - \frac{7}{10} = \underline{\hspace{2cm}}$





**Extra Practice****Worksheet N23**

Pages 318-319

Write the mixed numeral.

1.  $\frac{7}{3} = \underline{\hspace{2cm}}$

2.  $\frac{5}{3} = \underline{\hspace{2cm}}$

3.  $\frac{7}{4} = \underline{\hspace{2cm}}$

4.  $\frac{9}{4} = \underline{\hspace{2cm}}$

5.  $\frac{11}{10} = \underline{\hspace{2cm}}$

6.  $\frac{13}{10} = \underline{\hspace{2cm}}$

7.  $\frac{15}{10} = \underline{\hspace{2cm}}$

8.  $\frac{19}{10} = \underline{\hspace{2cm}}$

9.  $\frac{21}{10} = \underline{\hspace{2cm}}$

10.  $\frac{35}{10} = \underline{\hspace{2cm}}$

11.  $\frac{68}{10} = \underline{\hspace{2cm}}$

12.  $\frac{49}{10} = \underline{\hspace{2cm}}$

Write the fraction.

13.  $1\frac{1}{4} = \underline{\hspace{2cm}}$

14.  $2\frac{3}{8} = \underline{\hspace{2cm}}$

15.  $2\frac{2}{3} = \underline{\hspace{2cm}}$

16.  $2\frac{5}{6} = \underline{\hspace{2cm}}$

17.  $1\frac{3}{10} = \underline{\hspace{2cm}}$

18.  $2\frac{7}{10} = \underline{\hspace{2cm}}$

19.  $5\frac{4}{10} = \underline{\hspace{2cm}}$

20.  $8\frac{9}{10} = \underline{\hspace{2cm}}$

**Extra Practice****Worksheet A61**

Pages 320-321

Add.

1. 
$$\begin{array}{r} 3\frac{1}{5} \\ + 4\frac{2}{5} \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 3\frac{3}{5} \\ + 4\frac{2}{5} \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 3\frac{3}{5} \\ + 4\frac{3}{5} \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 1\frac{3}{8} \\ + 3\frac{7}{8} \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 2\frac{4}{9} \\ + 3\frac{5}{9} \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 3\frac{6}{10} \\ + 4\frac{8}{10} \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 6\frac{3}{4} \\ + 4\frac{3}{4} \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 6\frac{3}{10} \\ + 5\frac{9}{10} \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 3\frac{9}{10} \\ + 4\frac{8}{10} \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 3\frac{3}{10} \\ + 2\frac{8}{10} \\ \hline \end{array}$$

11. 
$$\begin{array}{r} 5\frac{9}{10} \\ + 3\frac{7}{10} \\ \hline \end{array}$$

12. 
$$\begin{array}{r} 5\frac{2}{10} \\ + 4\frac{9}{10} \\ \hline \end{array}$$



**Extra Practice****Worksheet A62**

Pages 322-323

Subtract.

$$\begin{array}{r} 1. \quad 2 \\ - \frac{1}{6} \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 3 \\ - \frac{1}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 4 \\ - \frac{1}{6} \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 7 \\ - \frac{3}{6} \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 9 \\ - \frac{4}{10} \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 10 \\ - \frac{5}{12} \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 11 \\ - \frac{3}{16} \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 9 \\ - \frac{6}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 9 \\ - \frac{3}{7} \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 8 \\ - \frac{1}{10} \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 6 \\ - \frac{7}{10} \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 5 \\ - \frac{9}{10} \\ \hline \end{array}$$

**Extra Practice****Worksheet A63**

Pages 324-325

Subtract.

$$\begin{array}{r} 1. \quad 6 \\ - 3\frac{2}{7} \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad 6 \\ - 3\frac{1}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad 8\frac{4}{5} \\ - 3\frac{2}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad 12\frac{3}{10} \\ - 2\frac{1}{10} \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad 5\frac{5}{6} \\ - 3\frac{4}{6} \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad 8\frac{7}{8} \\ - 2\frac{5}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 7\frac{11}{12} \\ - 4\frac{5}{12} \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 6 \\ - 2\frac{5}{12} \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 8 \\ - 3\frac{4}{10} \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 3\frac{3}{10} \\ - 1\frac{6}{10} \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 5\frac{4}{10} \\ - 3\frac{7}{10} \\ \hline \end{array}$$

$$\begin{array}{r} 12. \quad 8\frac{5}{10} \\ - 7\frac{6}{10} \\ \hline \end{array}$$



**Extra Practice****Worksheet A64**

Pages 326-327

A bag contains 1 red stick and 1 black stick.

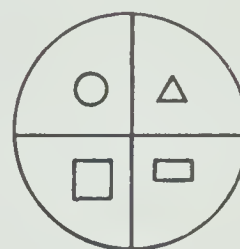
What is the probability of picking:

1. a red stick? \_\_\_\_\_
2. a black stick? \_\_\_\_\_
3. a green stick? \_\_\_\_\_

A spinner with a pointer is pinned at the centre of this card.

What is the probability that the pointer will stop:

4. on a square? \_\_\_\_\_
5. on a circle? \_\_\_\_\_
6. on a rectangle? (Be careful.) \_\_\_\_\_

**Extra Practice****Worksheet PS14**

Pages 328-329

Solve the following problems.

1. The gas gauge in Pat's car moved from the full mark to the  $\frac{1}{4}$  full mark when she drove to Regina. What fraction of a tank did she use?
2. Trudy studied each of her six subjects for a half hour over the weekend. How long did she study altogether?
3. The interest rate for consumer loans just increased by  $1\frac{1}{4}$  percent. If the old rate was  $12\frac{1}{2}$  percent, what is the new rate?
4. On the stock market, the shares of a clothing company went up  $\$4\frac{1}{2}$  to \$25. What was the initial price?



**Post-test****Unit 14**

Add or subtract.

$$\begin{array}{r} 1. \quad \frac{1}{4} \\ + \frac{2}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 2. \quad \frac{5}{9} \\ + \frac{2}{9} \\ \hline \end{array}$$

$$\begin{array}{r} 3. \quad \frac{3}{5} \\ + \frac{2}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 4. \quad \frac{7}{18} \\ + \frac{10}{18} \\ \hline \end{array}$$

$$\begin{array}{r} 5. \quad \frac{6}{11} \\ + \frac{3}{11} \\ \hline \end{array}$$

$$\begin{array}{r} 6. \quad \frac{2}{3} \\ - \frac{1}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad \frac{9}{14} \\ - \frac{5}{14} \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad \frac{19}{24} \\ - \frac{12}{24} \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad \frac{7}{8} \\ - \frac{7}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad \frac{16}{25} \\ - \frac{11}{25} \\ \hline \end{array}$$

Write the mixed numeral.

$$11. \quad \frac{11}{10}$$

$$12. \quad \frac{6}{5}$$

$$13. \quad \frac{9}{4}$$

$$14. \quad \frac{12}{7}$$

$$15. \quad \frac{16}{3}$$

Write the fraction.

$$16. \quad 1\frac{1}{3}$$

$$17. \quad 1\frac{4}{5}$$

$$18. \quad 2\frac{3}{4}$$

$$19. \quad 2\frac{7}{9}$$

$$20. \quad 3\frac{5}{6}$$

Add.

$$\begin{array}{r} 21. \quad 4\frac{2}{3} \\ + 3\frac{1}{3} \\ \hline \end{array}$$

$$\begin{array}{r} 22. \quad 6\frac{1}{5} \\ + 9\frac{2}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 23. \quad 9\frac{7}{9} \\ + 8\frac{8}{9} \\ \hline \end{array}$$

$$\begin{array}{r} 24. \quad 2\frac{3}{8} \\ + 7\frac{7}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 25. \quad 6\frac{5}{12} \\ + 11\frac{9}{12} \\ \hline \end{array}$$

Subtract.

$$\begin{array}{r} 26. \quad 5 \\ - \frac{1}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 27. \quad 7 \\ - \frac{3}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 28. \quad 6 \\ - \frac{3}{5} \\ \hline \end{array}$$

$$\begin{array}{r} 29. \quad 11 \\ - \frac{8}{9} \\ \hline \end{array}$$

$$\begin{array}{r} 30. \quad 1 \\ - \frac{13}{14} \\ \hline \end{array}$$

$$\begin{array}{r} 31. \quad 7 \\ - 6\frac{5}{6} \\ \hline \end{array}$$

$$\begin{array}{r} 32. \quad 9\frac{7}{9} \\ - \frac{8}{9} \\ \hline \end{array}$$

$$\begin{array}{r} 33. \quad 2\frac{7}{8} \\ - 1\frac{5}{8} \\ \hline \end{array}$$

$$\begin{array}{r} 34. \quad 5\frac{1}{4} \\ - 2\frac{3}{4} \\ \hline \end{array}$$

$$\begin{array}{r} 35. \quad 10\frac{5}{12} \\ - 3\frac{7}{12} \\ \hline \end{array}$$

Solve.

There are 2 green blocks, 1 blue block, and 3 red blocks in a bag.

What is the probability of picking:

36. a blue block?

37. either a red or a green block?





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